

Review-Bd.net: A website to share user experiences on different products and services.

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By

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The project has been submitted to the Department of the Computer Science & Engineering at East West University in the partial fulfillment of the requirement for the degree of Bachelor of Science in Computer Science and Engineering.



EAST WEST UNIVERSITY

September, 2015

DECLARATION

The project has been submitted to the Department of the Computer Science & Engineering, East West University in the partial fulfillment of the requirement for the degree of Bachelor of Science in CSE performed by us under supervision of Assistant Professor Dr. Mohammad Rezwanul Huq, Dept. of CSE at East West University. This is also needed to certify that, the project work under the course '**Project Work (CSE-499)**'. We, hereby, declare that this project has not been submitted elsewhere for the requirement of any degree or diploma or any other purposes.

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Letter of Acceptance

The Project entitled **Review Website** submitted By Md. Zahidul Islam, Id: 2011-1-60-018 and Mamun Hosen, Id: 2011-1-60-035 to the department of computer Science and Engineering, East West University, Dhaka Bangladesh is accepted as satisfactory for the partial fulfillment of the of the requirement for the degree of Bachelor of Science in Computer Science and Engineering on September 10, 2015.

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Abstract

In this project, we develop a website that is kind a blog website related to any kind of reviews like food, movies, technology etc. It is an effort to give people some idea about something that they are going to consume. We named this website Review-BD. We have used HTML5, CSS3, JavaScript and jQuery, Bootstrap for front end and PHP Codeigniter MVC framework for server end and MySQL for the database. And also we are hoping to make the site smarter in future.

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Chapter 1

Introduction

A review website is that kind of website where you can find some reviews on various categories given by general people. Review-BD is the same. But unlike other review website Review-BD gives users to post their own review. For that it has registration system for the the users. Users will post their review which will show in the main page of the website. User can post these reviews category wish. They can read any review of other real people who posted it. There is also search option to search any kind of review they want to read and they can browse posts using the category option.

Finally we have built Admin panel where Admin can take action against violators, violence posts and violence comments. Moreover, in our admin panel Admin can see the total number of users have been assigned and total number of posts have been posted.

1.1 Motivation:

For our project we consider to develop this review website for two reasons.

1. There are lots of websites on different topic but there is no website that will give us a platform for all kind of reviews.
2. There are no good review websites that will provide reviews related to Bangladeshi products.

1.2 Purpose of the project:

To change the concept of review system that exists. Giving people a great experience about anything they want to consume.

1.3 Objective:

A review website where people can register, post and view others review to get an idea about what they are going to consume.

1.4 Outline:

- Introduction
- The system
- Design Specification
- Code Specification
- Future Work
- Conclusion

Chapter 2

The System

2.1 User Activities:

There are two kind of user of this system.

1. User who have an account.
2. User who does not have an account.

User who have an account:

1. They can read any post including categorical post feature.
2. They can comment on any post
3. They can report a post
4. They can give a review. Using the Write Review option.
5. They have their own profile
6. They can search
7. They can share to social network like Facebook

User who don't have an account:

1. They can read any post including categorical post feature.
2. They cannot comment on anything.

3. They can register to become a member and get all the features that are available for the user who have an account.
4. They can search.
5. They can share to social network like Facebook.

2.2 Admin Activities:

For admin there are different pages where

1. Admin can logging
2. Manage users posts
3. Manage users ids
4. Manage user comments
5. See total post and users and so on.

Chapter 3

Requirement Analysis

The website required the following requirement. There are mainly two actors such as user and admin.

3.1: Data Requirement

During the requirement analysis the following data have been identified as data requirement.

- The users can read any post on the site and share it to the Facebook.
- If the users want to give their own post or comment to any post they need to login or create a new account.
- Logged in users can post and comment. They will have their own profile and they can upload their images.
- Logged in users can report any post.
- When users are giving a post, he must select a category and give some tag on this. He may choose some subcategory to make the post more specific.
- Any visitor can see the notice.
- Admin will login to the admin panel to manage the website.
- He can see how many post or users are there.
- He can delete any user.
- He can delete any post.
- He can delete any comment.

- Admin can give any notice regarding the website.

3.2: Physical Design

The physical design relates to the actual input and output processes of the system. This is laid down in terms of how data is input into a system, how it is verified or authenticated, how it is processed, and how it is displayed as In Physical design; the following requirements about the system are decided.

- Input requirements
- Output requirements
- Storage requirement
- Processing Requirements

3.3 Use case Diagrams

3.3.1 Use Case Diagram for User:

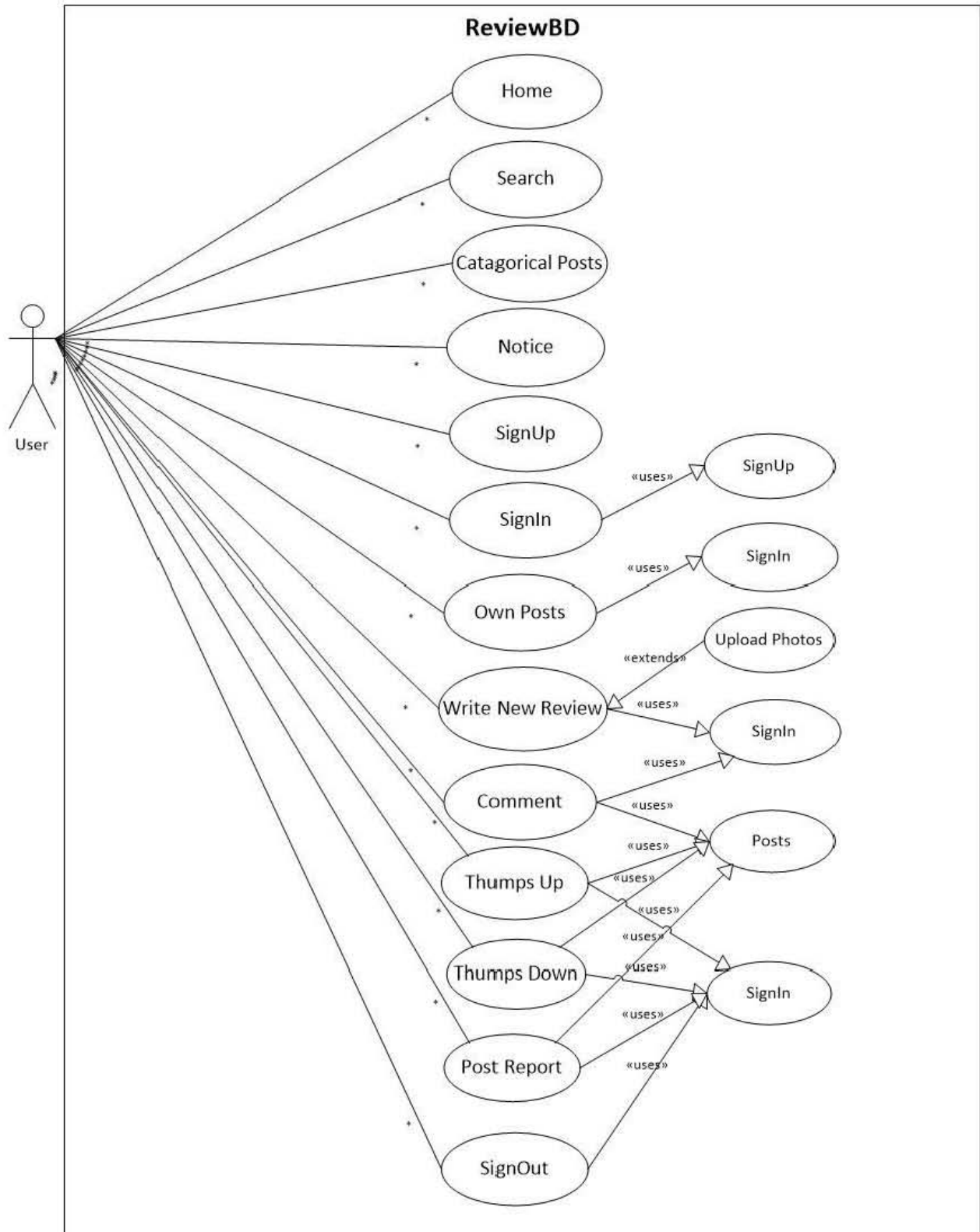


Fig 3.1: Use Case Diagram for User Management.

Description: This is the Use Case Diagram of a user. This diagram shows the interaction between User and the site.

- ❖ **Home:** Users can go to home page and can see all contents of the homepage.
- ❖ **Search:** Using search option user can find any of his/her desired post.
- ❖ **Categories:** By using categorical post Users can find post by category. User doesn't need to go through all posts.
- ❖ **Notice:** Users can see the notice which would have posted by admin.
- ❖ **Sign up:** To become a registered member Users have to be registered.
- ❖ **Sign-in:** To write a new review or put a comment on someone posts, user has to be logged in. Here is a Uses use case included where base case is depends on the Uses use case. Without Uses use case the base can't go through the sign in.
- ❖ **Own Posts:** So far you have been posted review on our site you can see those posts but you have to be registered member of this site. Therefore, Uses use case is included here.
- ❖ **Write new review:** Users can write a new review for the site. Here is included another use case name is Extend use case which is depend on the base case. It is opposite to Uses use case.
- ❖ **Comment:** Users can put comment on the posts but User has to be logged in.
- ❖ **Sign-out:** If you are not logged in how can you sign out from the system. Therefore base case is depends on the Uses use case.
- ❖

3.3.2 Use Case Diagram for Admin:

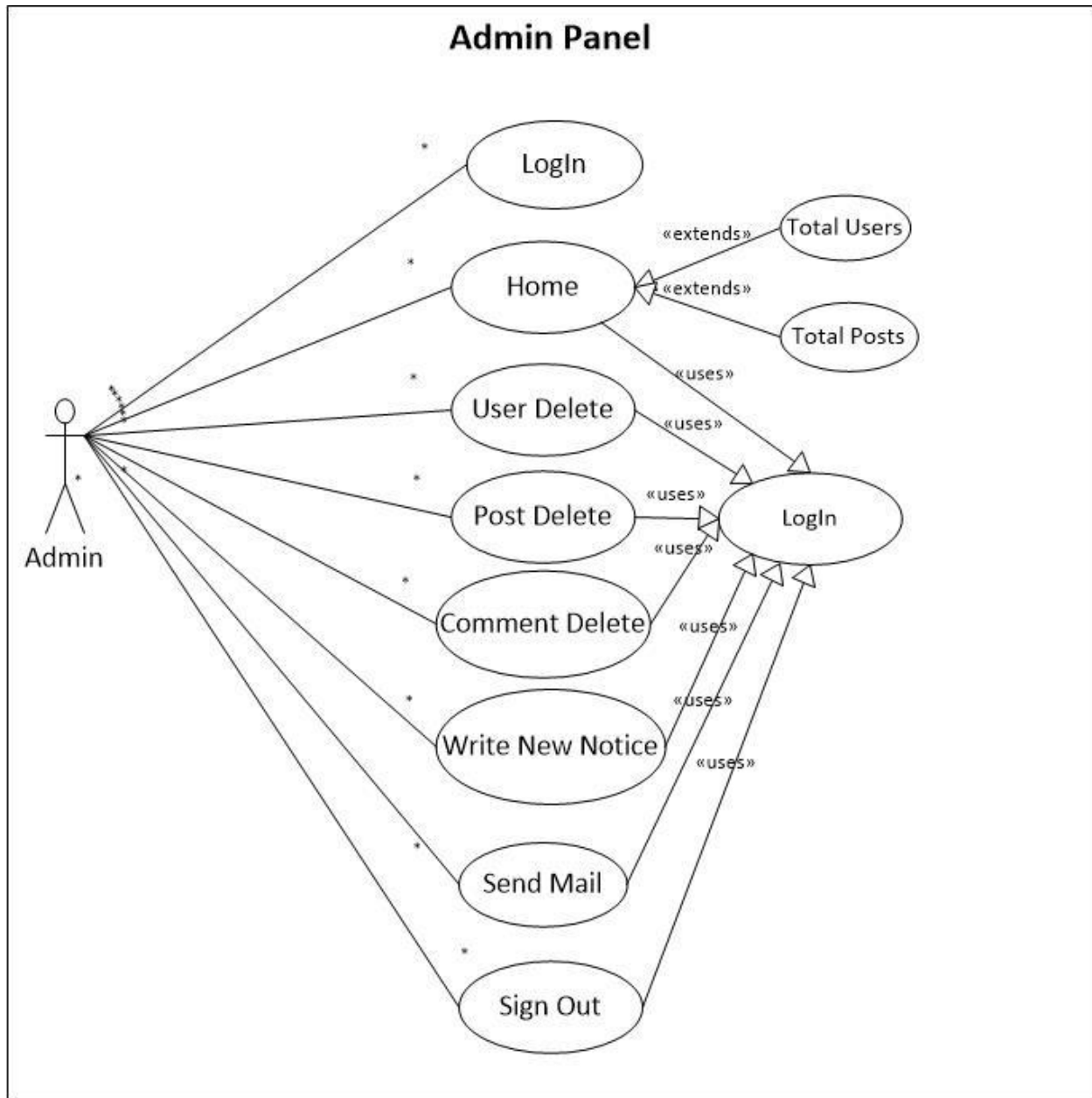


Fig 3.2: Use Case Diagram for Admin Management.

Description: This is the Use Case Diagram of an Admin. This diagram shows the interaction between Admin and the Admin Panel.

- ❖ **Login:** Admin can log in to the Admin panel.

- ❖ **Home:** Admin can go through the home page contents. Here are some extending use cases whose are completely depend on home page. Moreover, there is included a Uses use case as well.
- ❖ **Users Delete:**Admin can take action against violators.
- ❖ **Posts Delete:**Admin can delete post which posts are irrelevant according to our site.
- ❖ **Comments Delete:** Admin can take action against violence comments.
- ❖ **Sign out:** Final step is sign out option for the Admin.

3.4 Activity Diagrams

Let's start by describing the basic notation that I've used in Figures 3.3 and 3.4:

- ❖ **Initial node.** The filled in circle is the starting point of the diagram. An initial node isn't required although it does make it significantly easier to read the diagram.
- ❖ **Activity final node.** The filled circle with a border is the ending point. An activity diagram can have zero or more activity final nodes.
- ❖ **Activity.** The rounded rectangles represent activities that occur.
- ❖ **Flow/edge.** The arrows on the diagram. Although there is a subtle difference between flows and edges I have never seen a practical purpose for the difference although I have no doubt one exists. I'll use the term flow.
- ❖ **Fork.** A black bar with one flow going into it and several leaving it. This denotes the beginning of parallel activity.
- ❖ **Join.** A black bar with several flows entering it and one leaving it. All flows going into the join must reach it before processing may continue. This denotes the end of parallel processing.
- ❖ **Decision.** A diamond with one flow entering and several leaving. The flows leaving include conditions although some modelers will not indicate the conditions if it is obvious.
- ❖ **Merge.** A diamond with several flows entering and one leaving. The implication is that one or more incoming flows must reach this point until processing continues, based on any guards on the outgoing flow.

3.4.1 Activity Diagram for User.

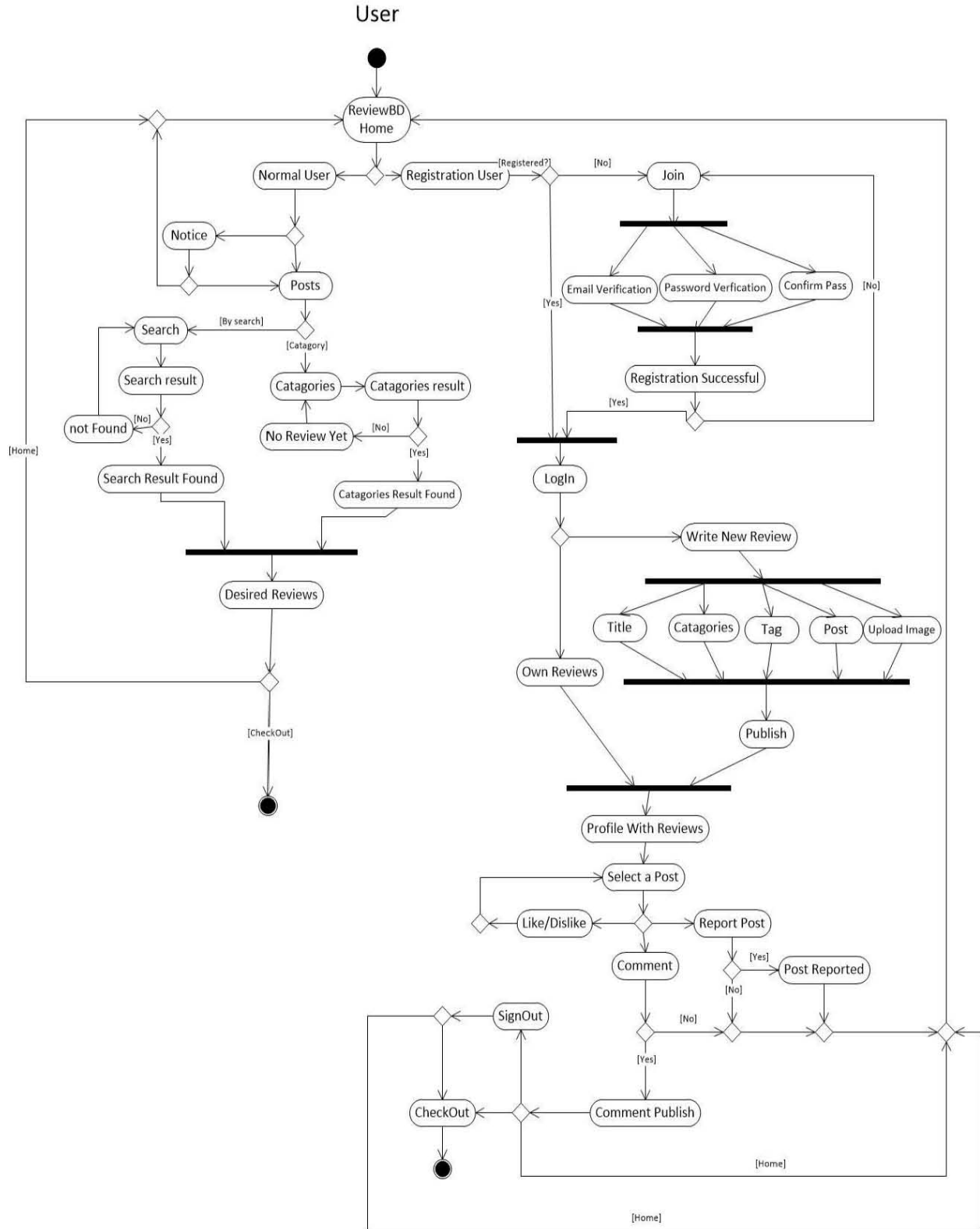


Fig 3.3: Activity Diagram for User Activities.

Description: This is the Activity Diagram of a User. Here we have showed some activities about normal users and logged in users. The only difference between them, logged in user can go through in all sections as well as a normal user whatever does but normal users have some restrictions to go through in all sections.

3.4.2 Activity Diagram for Admin:

Admin Panel

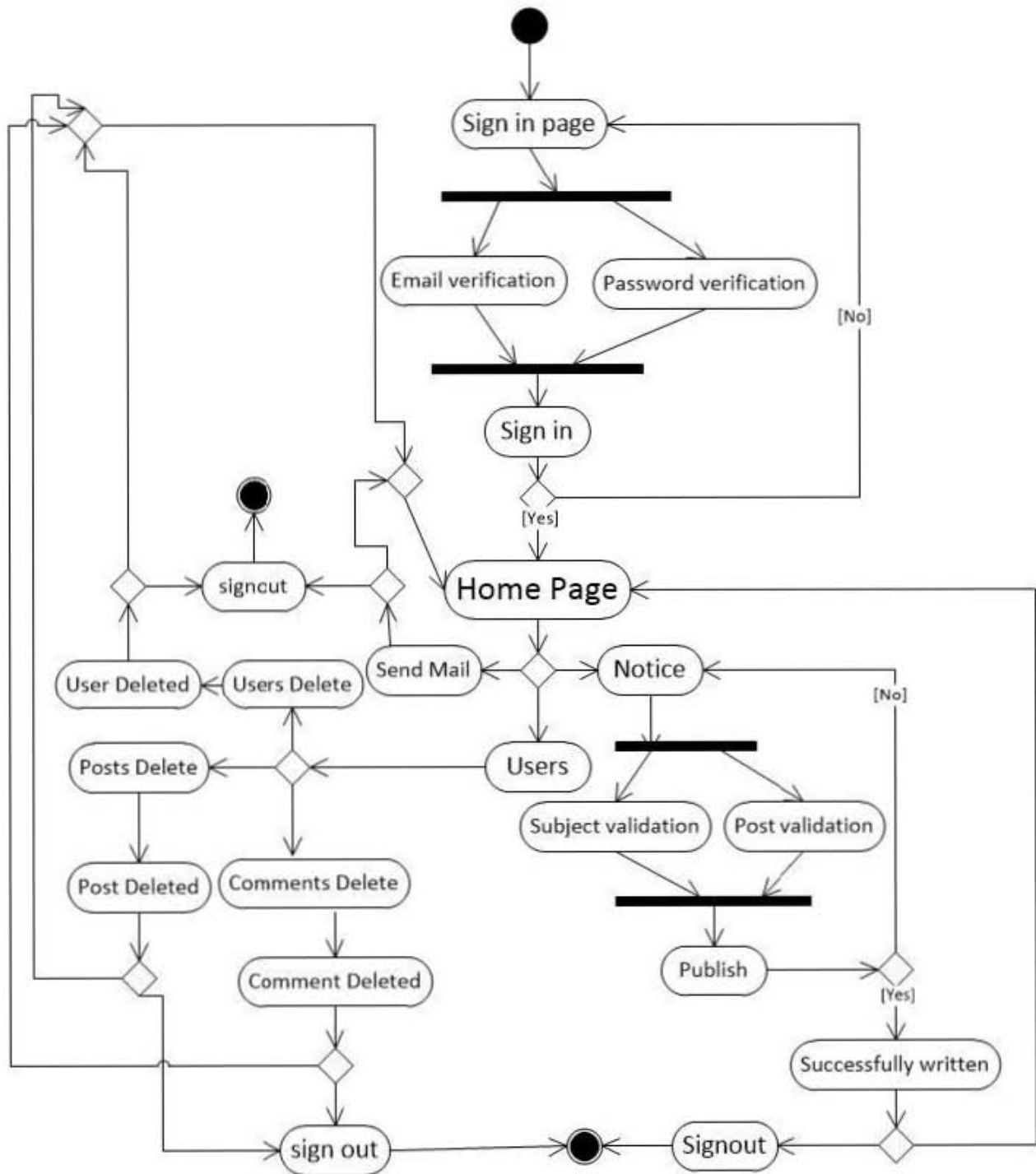


Fig 3.4: Activity Diagram for AdminActivities.

Description: This Activity diagram shows how the admin interact with different activities and how they jump one step to another step additionally come back to home page and sign out from the system.

3.5 Software Requirement:

To implement this web application any technologies that are used are open sources. We are discussing about them below.

3.5.1 HTML:

Html is a markup language for describing the web documents. In our website we use HTML5. Every web page you see on the Internet, including this one contains HTML code that helps format and show text and images in an easy to read format. Without HTML a browser would not know how to format a page and would only display plain text with no formatting that contained no links. [1]

3.5.2 CSS:

We use CSS3 to give our HTML a shape. CSS stands for cascading style sheet. [2]

3.5.3 BOOTSTRAP [Version: 2]:

Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web. Bootstrap makes front-end web development faster and easier. It's made for folks of all skill levels, devices of all shapes, and projects of all sizes. [3]

3.5.4 JavaScript:

JavaScript is the programming language of HTML and the Web Programming makes computers do what you want them to do. We use JavaScript for our dropdown menu using bootstrap. [4]

3.5.5 JQuery:

We used jQuery for our subcategories dropdown form. It is a framework of core JavaScript. [5]

3.5.6 PHP [Version: 5.4.16]:

PHP is probably the most popular scripting language on the web. It is used to enhance web pages. With PHP, you can do things like create username and password login pages, check details from a form, create forums, picture galleries, surveys, and a whole lot more. If you've come across a web page that ends in PHP,

Then the author has written some programming code to liven up the plain, old

HTML. PHP is known as a server-sided language. That's because the PHP doesn't get executed on your computer. But on the computer you requested the page from. The results are then handed over to you, and displayed in your browser. [6]

3.5.7 PHP CodeIgniter Framework [Version: 2.2.2]:

CodeIgniter is an Application Development Framework - a toolkit - for people who build web sites using PHP. Its goal is to enable to develop projects much faster than you could if you were writing code from scratch, by providing a rich set of libraries for commonly needed tasks, as well as a simple interface and logical structure to access these libraries. Code Igniter lets you creatively focus on your project by minimizing the amount of code needed for a given task. [7]

3.5.8 Apache Server (XAMPP)[Version: 1.8.2]:

The Apache HTTP Server, commonly referred to as Apache is a web server application notable for playing a key role in the initial growth of the World Wide Web. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation. Most commonly used on a Unix-like system, the software is available for a wide variety of operating systems, including Unix, FreeBSD, Linux, Solaris, Novell NetWare, OS X, Microsoft Windows, OS/2, TPF, OpenVMS and eComStation. Released under the Apache License, Apache is open-source software.

3.5.9 Text-Editor (Sublime Text)[Version: 2.0.2]:

Sublime Text is the web development tool that lets you efficiently design, develop and maintain standards-based websites and applications. Sublime text provides a powerful combination of visual layout tools, application development features, and code editing support.

3.5.10 MySQL [Version: 5.6.16]:

MySQL is an open-sourcerelational database management system (RDBMS). In July 2013, it was the world's second mostwidely used RDBMS, and the most widely used open-source client–server RDBMS. It is named after co-founder Michael Widenius's daughter, my. The SQL acronym stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. We used MySQL for our database management system. [8]

3.6 Database Design:

We have total 6 database tables. They are given below.

3.6.1 List of all tables:

Table	Action	Rows	Type	Collation	Size	Overhead
admincheck	Browse Structure Search Insert Empty Drop	~3	InnoDB	latin1_swedish_ci	16 KiB	-
ci_sessions	Browse Structure Search Insert Empty Drop	~0	InnoDB	latin1_swedish_ci	16 KiB	-
comments	Browse Structure Search Insert Empty Drop	~14	InnoDB	utf8_general_ci	16 KiB	-
notice	Browse Structure Search Insert Empty Drop	~4	InnoDB	latin1_swedish_ci	16 KiB	-
posts	Browse Structure Search Insert Empty Drop	~17	InnoDB	utf8_general_ci	96 KiB	-
signup	Browse Structure Search Insert Empty Drop	~13	InnoDB	utf8_general_ci	16 KiB	-
subcategories	Browse Structure Search Insert Empty Drop	~25	InnoDB	utf8_general_ci	16 KiB	-
7 tables	Sum	76	InnoDB	utf8_general_ci	192 KiB	0 B

Fig 3.5: All tables of reviewBD database.

3.6.2 Admin table:

127.0.0.1 » reviewbd » admincheck

Browse Structure SQL Search Insert Export Import Operations

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

+ Options

Name	Id	Email	Password
Rezwanul Haq	2	rezwanhaq@yahoo.com	c33367701511b4f6020ec61ded352059
Hossain Mamun	1	mamuns999@yahoo.com	e10adc3949ba59abbe56e057f20f883e
Zahidul Islam	3	suzon.zahid@yahoo.com	e10adc3949ba59abbe56e057f20f883e

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Fig 3.6: This is admin table containing admin information.

3.6.3 Sign Up Table:

127.0.0.1 » reviewbd » signup

Browse Structure SQL Search Insert Export Import Operations Tracking Triggers

+ Options

	id	name	email	password	gender	division	propic
<input type="checkbox"/> Edit Copy Delete	22	Zahidul Islam	suzon@zis.com	827ccb0eea8a706c4c34a16891f84e7b	male	Dhaka	.images/pp/1243255e6096e9304b.jpg
<input type="checkbox"/> Edit Copy Delete	23	Ashik Kabir	Ashik@yahoo.com	c20ad4d76fe97759aa27a0c99bfff6710	male	Dhaka	.images/pp/10473557ee4e7c7bfa.jpg
<input type="checkbox"/> Edit Copy Delete	24	Imtiaz Jahan	pritom@vondo.com	202cb962ac59075b964b07152d234b70	female	Dhaka	.images/pp/15505558c5e5d4228a.jpg
<input type="checkbox"/> Edit Copy Delete	25	Rezwanul Huq	rezwanul@ewu.com	827ccb0eea8a706c4c34a16891f84e7b	male	Dhaka	.images/pp/25926557ee59be2974.jpg
<input type="checkbox"/> Edit Copy Delete	26	Mamun Hossain	mamun@mamun.com	202cb962ac59075b964b07152d234b70	male	Dhaka	.images/pp/30978557fe17b12282.jpg
<input type="checkbox"/> Edit Copy Delete	27	Md. Mohibul Hasan	peash@pops.com	827ccb0eea8a706c4c34a16891f84e7b	male	Dhaka	.images/pp/182605589bcd26b429.jpg
<input type="checkbox"/> Edit Copy Delete	28	Kahini Baz	Kahinibaz@yahoo.com	202cb962ac59075b964b07152d234b70	male	Dhaka	.images/pp/1967155b3ca11a8587.jpg
<input type="checkbox"/> Edit Copy Delete	29	Rayhan Khan	Ray@khan.com	202cb962ac59075b964b07152d234b70	male	Dhaka	NULL
<input type="checkbox"/> Edit Copy Delete	30	Hridoy Mahmud	goja@ewu.com	202cb962ac59075b964b07152d234b70	male	Dhaka	NULL
<input type="checkbox"/> Edit Copy Delete	33	Metal Mental	xyz@blablabla.com	c20ad4d76fe97759aa27a0c99bfff6710	male	Dhaka	NULL

Fig 3.7: This table contains all information of users.

3.6.4 Posts Table

post_id	email	name	post_title	category	post	tags	pic	time	reported
18	ashik@yahoo.com	Ashik Kabir	ক্লাশ ওফ ক্লান্স	Computer	Clash of Clans is an online multiplayer game in wh...	clash of clans	/images/postimgs/11493558ac4672669e.jpg	2015-06-24 20:53:27	0
22	ashik@yahoo.com	Ashik Kabir	Goodfellas (1990)	Movie	IMDB Rating ৮.৯ মুক্তি একটি অঙ্কর পেয়েছে। মুক্ত...	movie goodfellas	/images/postimgs/12756558af38d7cfe1.jpg	2015-06-25 00:14:37	0
24	suzon@zis.com	Zahidul Islam	সেলোভো আইডিআপাত জি৪০-৩০	Computer	গ্লোবাল ব্রাড বাংলাদেশ লিমিটেড আমদানীকৃত 'সেলোভো...	lenovo computer	/images/postimgs/10792558c5832b591c.jpg	2015-06-26 01:36:18	0
25	suzon@zis.com	Zahidul Islam	শর্মা হাউজে বাজে অভিজ্ঞতা	Food	অক্সিজেনে আর শর্মা হাউজে যামু না... কাহিনী। ধানম...		/images/postimgs/9912558c5d7b53a5f.jpg	2015-06-26 01:58:51	1
26	pritom@vondo.com	Imtiaz Jahan	Samsung Grand 2	Mobile	Samsung was one of the first companies to really r...		/images/postimgs/21313558c5f73c48cb.jpg	2015-06-26 02:07:15	0

Fig 3.8: This table contains all posts of the website.

3.6.5 Comments Table:

comment_id	post_id	name	mail	comments	comment_time
1	19	Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	2015-06-25 00:16:22
2	19	Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	2015-06-25 00:16:22
3	19	Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	2015-06-25 00:16:22
10	18	Paglia Dasu	pagla@dasu.com	Pagoler songe jabi pagol hobi bujhbi seshe.	2015-06-25 01:33:12
20	22	Zahidul Islam	suzon@zis.com	ভাল মুক্তি এটা অনেক।	2015-06-25 05:34:25
21	22	Zahidul Islam	suzon@zis.com	মুক্তিটা দেখসি।	2015-06-26 00:01:37
22	28	Zahidul Islam	suzon@zis.com	Good course by FM Sir	2015-07-07 10:49:34
23	77	Zahidul Islam	suzon@zis.com	I wont go there anymore!	2015-07-25 20:15:41
24	84	Zahidul Islam	suzon@zis.com	muri khan	2015-07-28 10:54:51
25	84	Zahidul Islam	suzon@zis.com	মানিকগঞ্জ এর দিকে বালিয়াটি জমিদার বাড়ি ঘুরে আসতে প...	2015-08-02 06:58:17
38	92	Zahidul Islam	suzon@zis.com	I will be a graduate if this presentation goes wel...	2015-08-29 17:07:33

Fig 3.9: This table contains all comments using POST_ID.

3.6.6 Subcategories:

	id	category	post_id	food_price	food_restaurant	food_taste	food_item	food_service	food_environment	food_overall	service_type	service_company_name
<input type="checkbox"/>	1	Music	29	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/>	2	Study	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/>	3	NULL	75	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/>	4	Music	76	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/>	5	Food	78	5k	Westin	5/10	Seafood	4/10	10/10	5	NULL	NULL
<input type="checkbox"/>	6	Services	79								Internet	Fastnet
<input type="checkbox"/>	7	Music	80									
<input type="checkbox"/>	8	Choose	81									

Fig 3.10: This table contains all subcategories information.

Design Specification

4.1 Interface:

In information technology, the user interface (UI) is everything designed into an information device with which a human being may interact. We design our website user friendly. This website is fully responsive for mobile users.

4.2 User Interface:

4.2.1 Home Page:

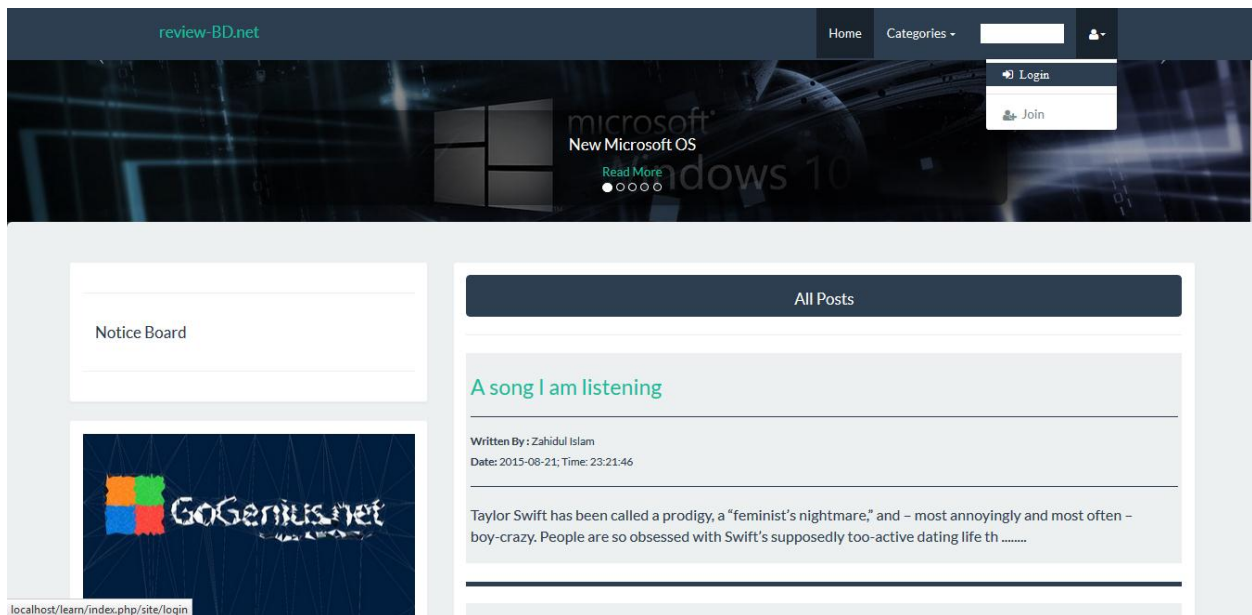


Fig 4.1: Home Page

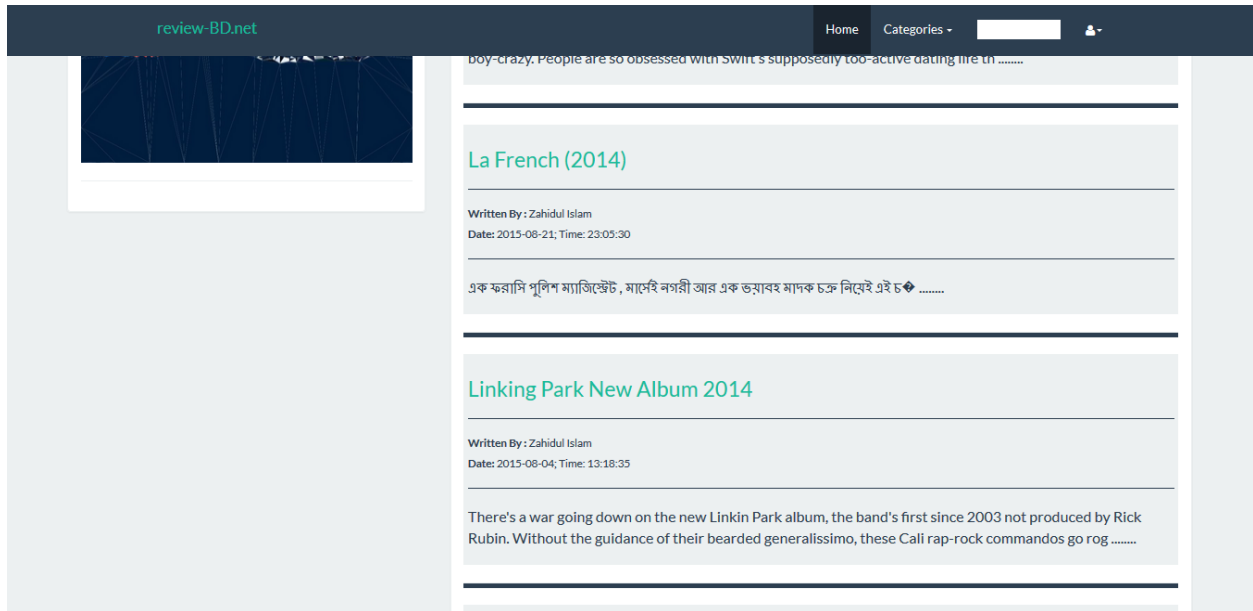


Fig 4.1: Home Page

4.2.2 Mobile View:

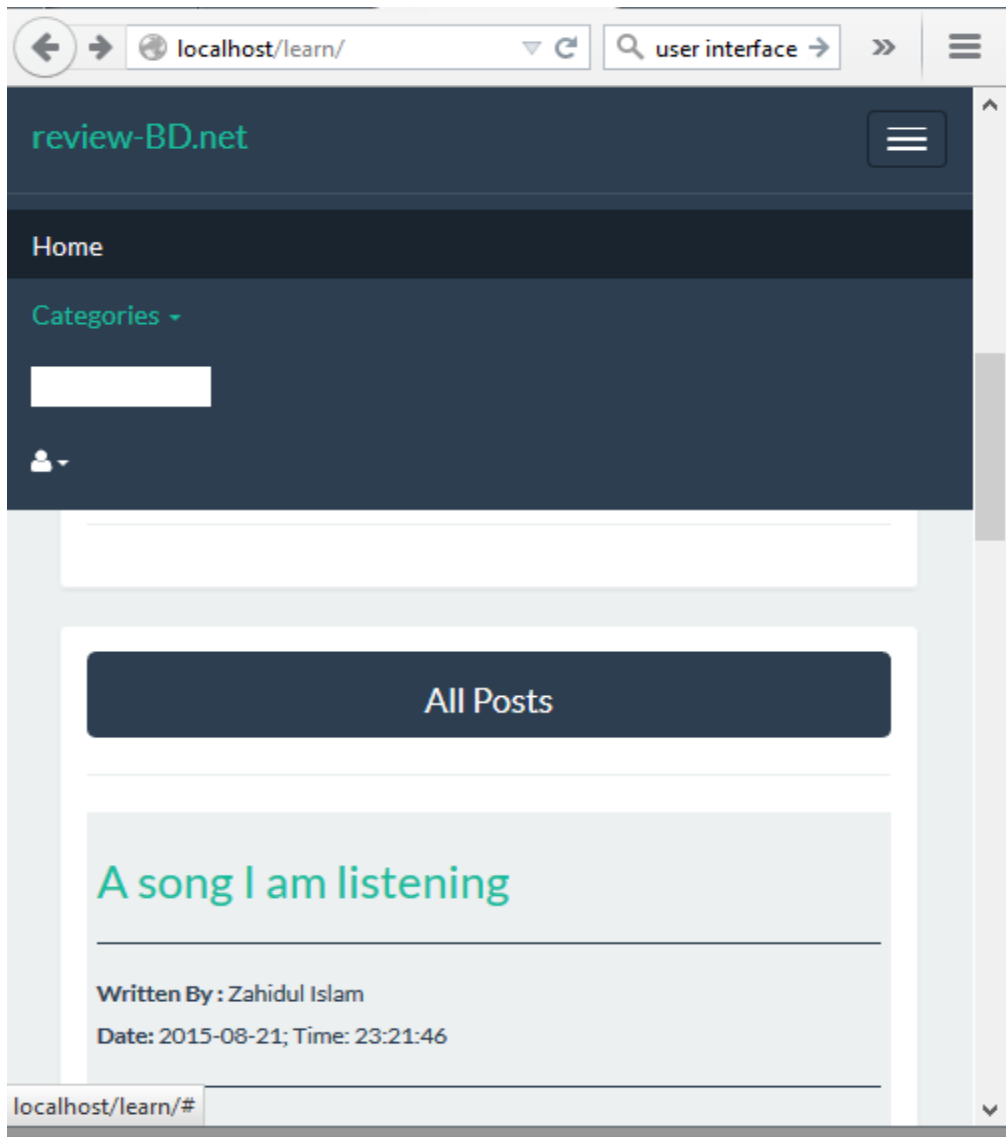


Fig 4.2: Mobile View

4.2.3 Login Page:

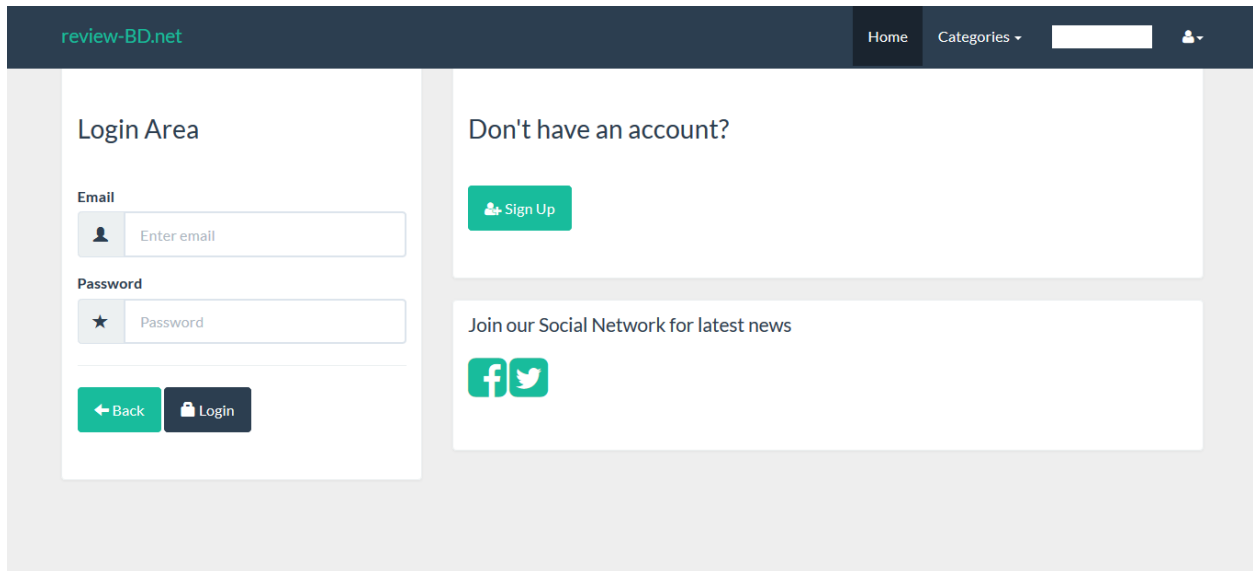


Fig 4.3: Login Page

4.2.4 Signup Page:

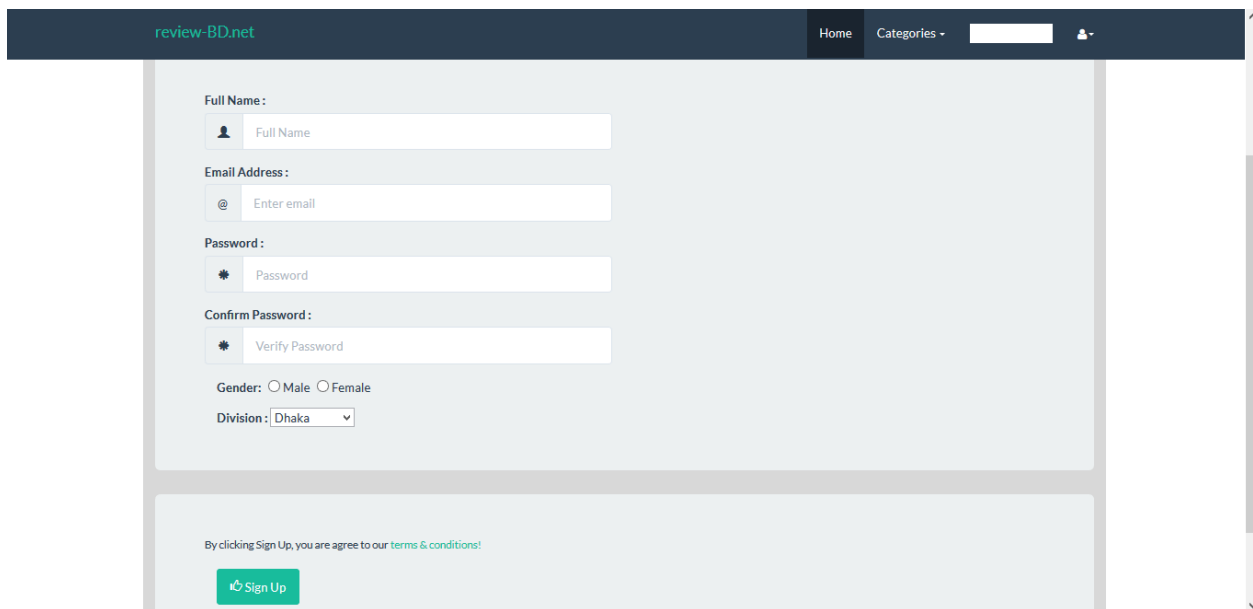


Fig 4.4: Signup Page

4.2.5 AfterLogin:

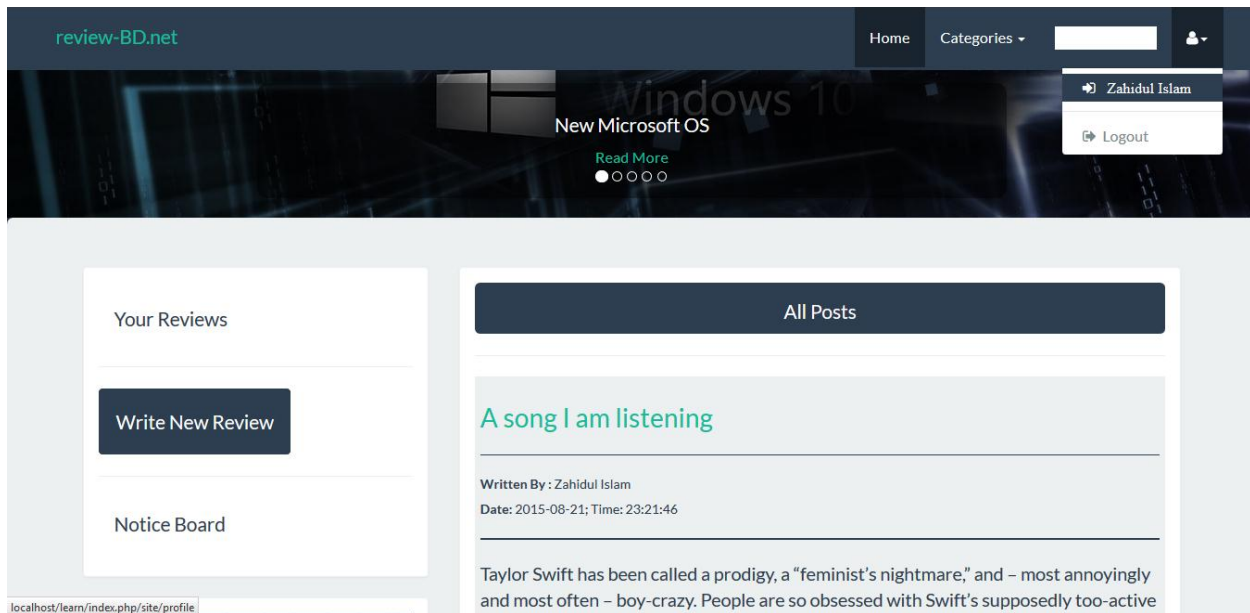


Fig 4.5: After Login

4.2.6 Profile:



Fig 4.6: Profile

4.2.7 New Review:

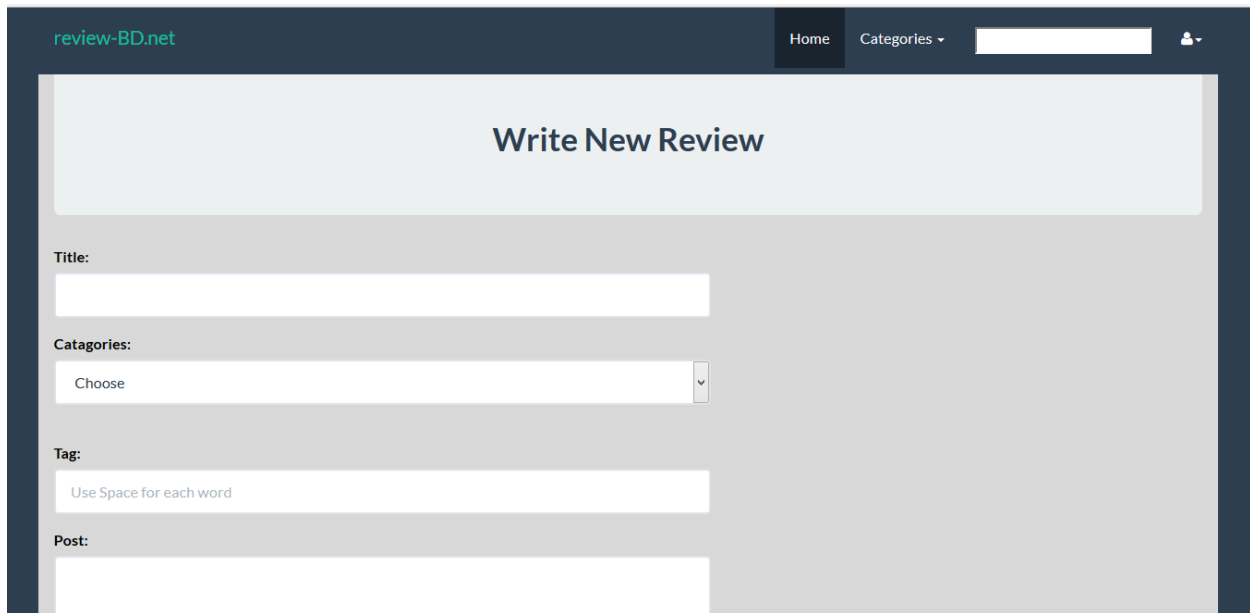


Fig 4.7: New Review

4.2.8 Category Wise Post:

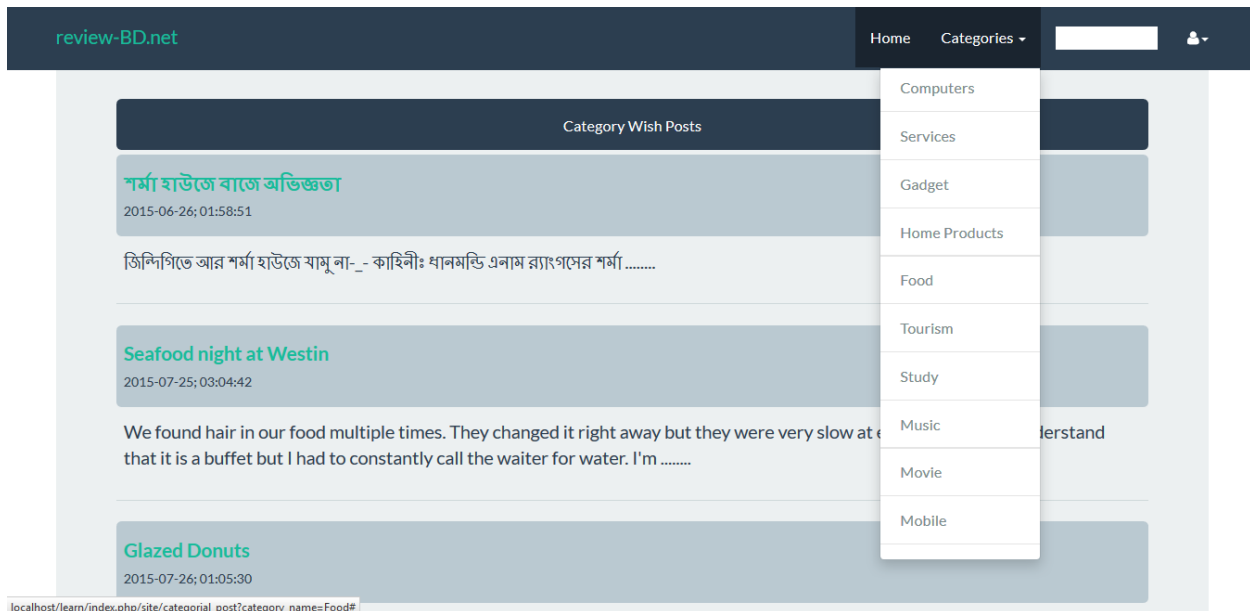


Fig 4.8: Category Wise Post

4.2.9 Full Post:

review-BD.net Home Categories ▾

Your Reviews

[Write New Review](#)

Notice Board

Food

শর্মা হাউজে বাজে অভিজ্ঞতা

Written By : Zahidul Islam
Time: 2015-06-26; 01:58:51 [Report](#)

review-BD.net Home Categories ▾

Food Price : 2/10
 Restaurant Name : Shawrma House
 Food Taste : 0/10
 Food Item : Pasta
 Food Service : 0/10
 Restaurant Environment : Poor
 Overall Rating : 2/10

জিন্দগিতে আর শর্মা হাউজে যামু না- - কাহিনীঃ ধানমন্ডি এনাম র্যাংগসের শর্মা হাউজে চিকেন পাস্তা দুই ভিন চামুচ খাওয়ার পর আবিষ্কার করলাম ইহারে মধ্যে তেলাপোকার ঠ্যাং আছে (পুরা পাস্তা খাইলে মনে হয় তেলাপোকা পাইতাম) নগদে ওয়েটার স্যারদের ডাক দিলাম তাদের একজন ইহা রসুন বলিয়া

Fig 4.9: Full Post

4.2.10 Comment:

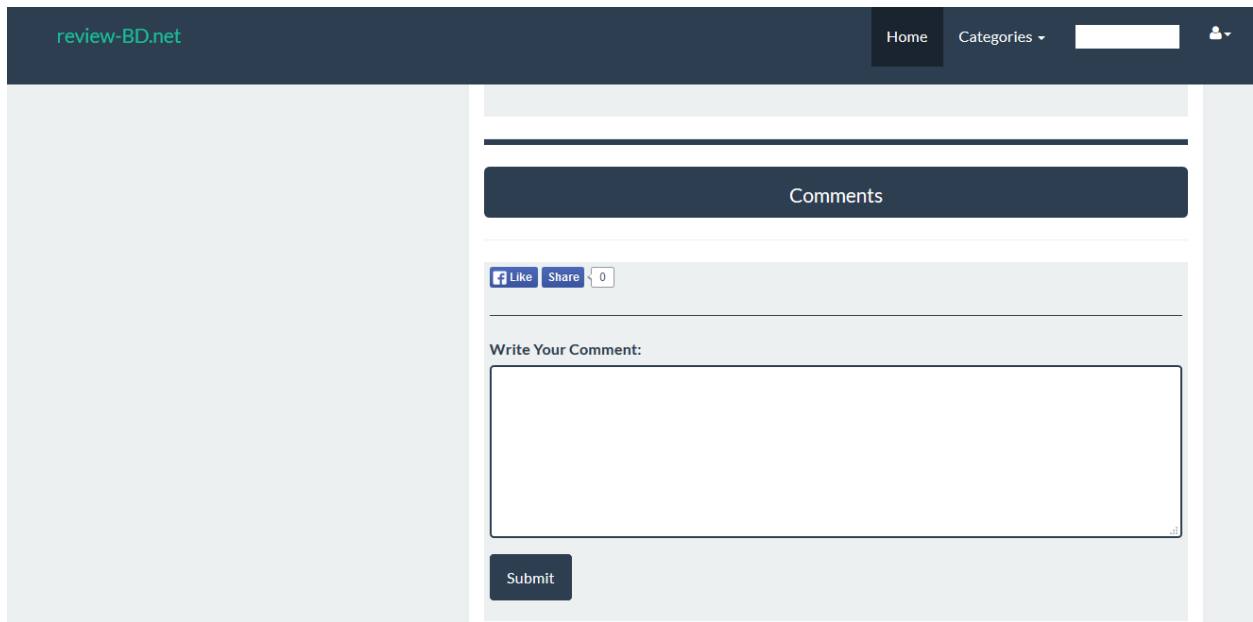


Fig 4.10: Comment

4.2.11 Notice Board:

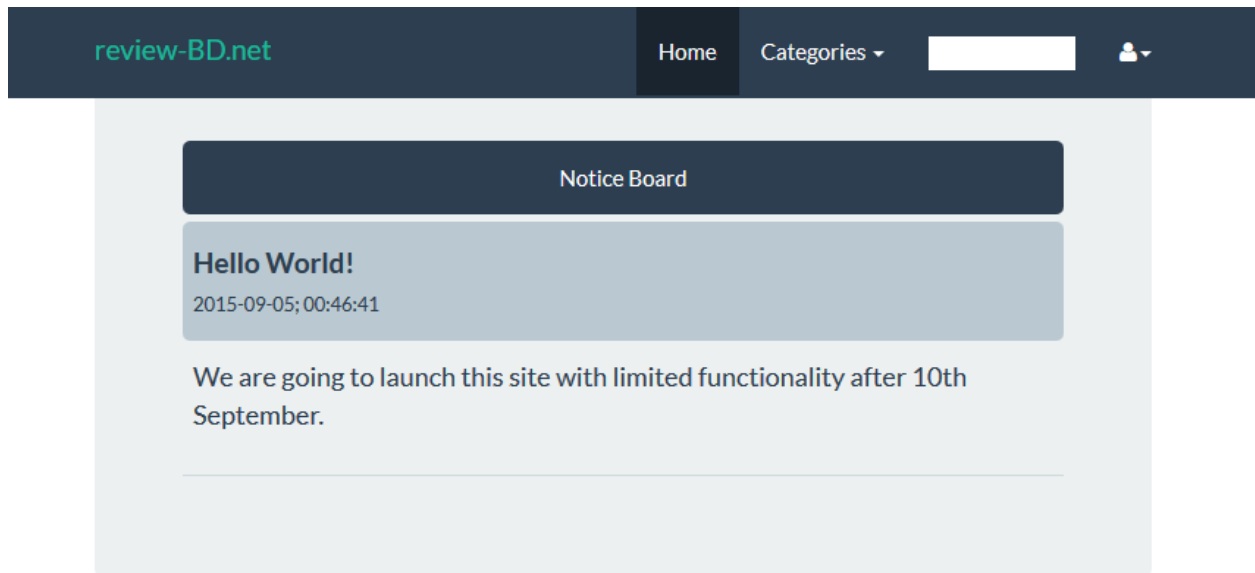


Fig 4.11: Notice Board

4.2.12 Admin Sign in:

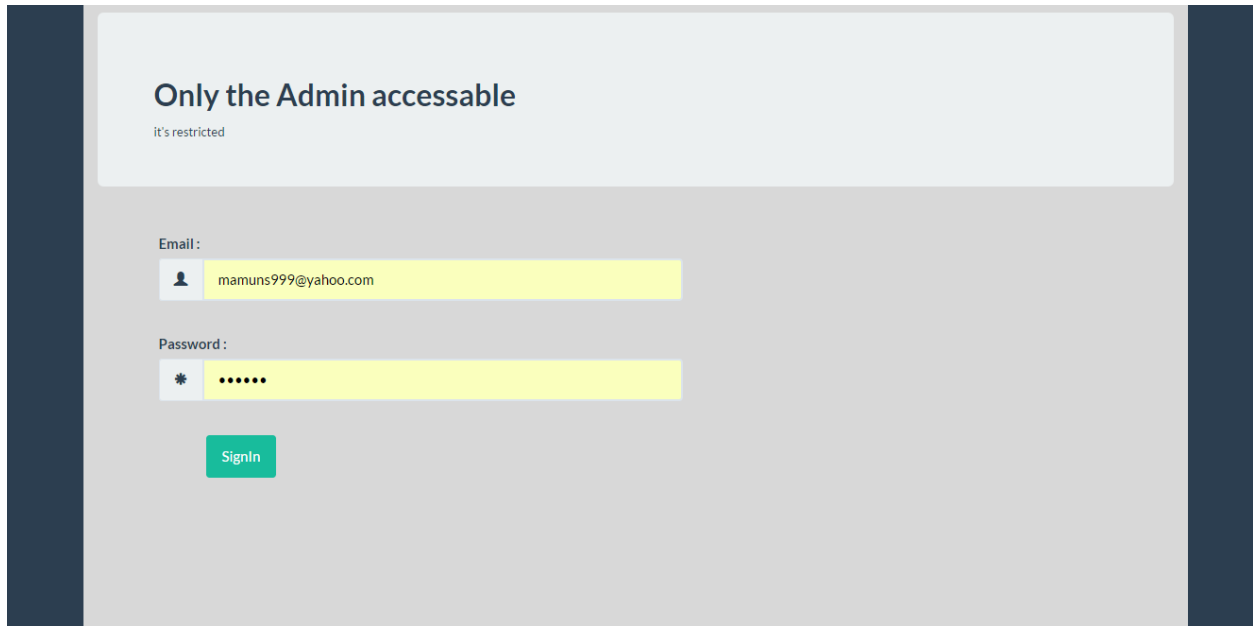


Fig 4.12: Admin Sign in

4.2.13 Home:

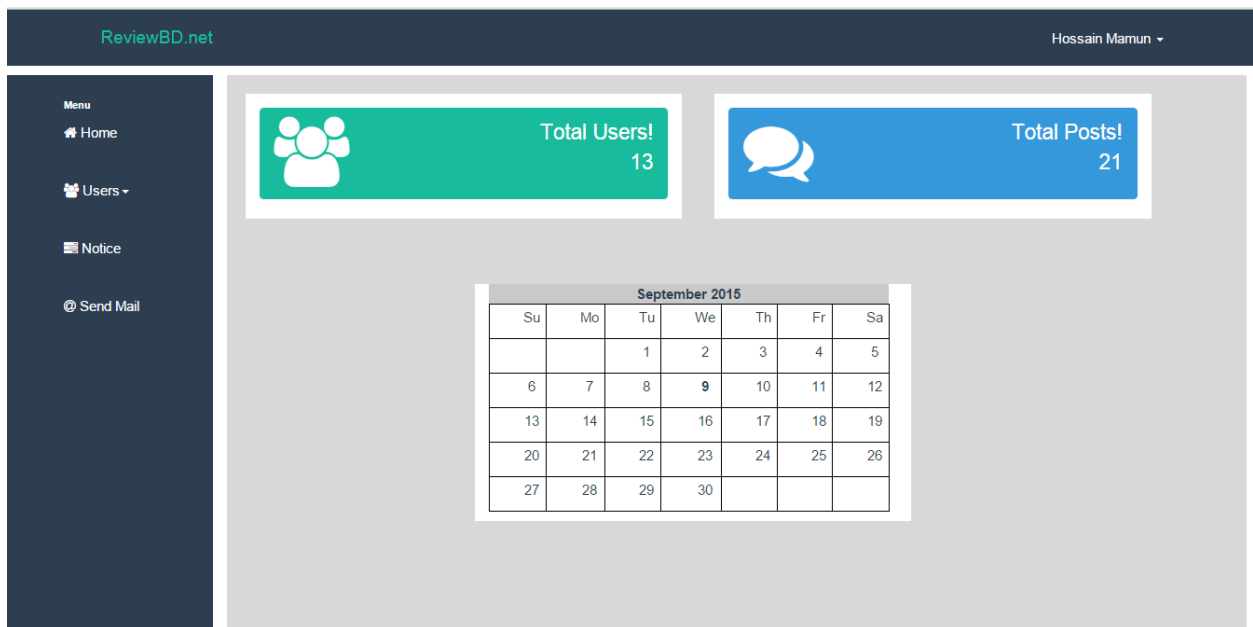


Fig 4.13: Admin Home Page

4.2.14 Manage Users:

ReviewBD.net		Hossain Mamun ▾			
Menu Home Users ▾ Notice	All User's List				
	Name	Email	Gender	Division	Action
	Zahidul Islam	suzon@zis.com	male	Dhaka	Delete
	Ashik Kabir	Ashik@yahoo.com	male	Dhaka	Delete
	Imtiaz Jahan	pritom@vondo.com	female	Dhaka	Delete
	Rezwanul Huq	rezwanul@ewu.com	male	Dhaka	Delete
	Mamun Hossain	mamun@mamun.com	male	Dhaka	Delete
	Md. Mohibul Hasan	peash@pops.com	male	Dhaka	Delete
	Kahini Baz	Kahinibaz@yahoo.com	male	Dhaka	Delete
	Rayhan Khan	Ray@khan.com	male	Dhaka	Delete
	Hridoy Mahmud	goja@ewu.com	male	Dhaka	Delete
	Metal Mental	xyz@blablabla.com	male	Dhaka	Delete
	Monirul Islam	mon.sumon@gmail.com	male	Dhaka	Delete
	Votku	votku@votku.com	female	Dhaka	Delete
	Osomapto	osomapto@osomapto.com	male	Dhaka	Delete

Fig 4.14: Manage users

4.2.15 Manage Posts:

ReviewBD.net		Hossain Mamun ▾					
Menu Home Users ▾ Notice Send Mail	Here is the all posts!						
	User-Name	Email	Post	Reported	Like	Dislike	Action
Ashik Kabir	ashik@yahoo.com	Clash of Clans is an online multiplayer game in which players build a community, train troops, and attack other players to earn gold and elixir, and Dark Elixir, which can be used to build defenses that protect the player from other players' attacks, and to train and upgrade troops. [5] The game also features a pseudo-single player campaign in which the player must attack a series of fortified goblin villages. [5] Troops Troops are divided into Tier 1, Tier 2, Tier 3, Dark Elixir Troops, and Heroes. Tier #1 - Consists of Barbarians, Archers, and Goblins. Barbarians- Barbarians are elixir troops that are the fastest to create (20 seconds) in the barracks. Barbarians also known as Barbs in CoC. Barbarians have decent hit points for the amount of elixir that they take to create. Archers- Archers are elixir troops that are fairly quick (30 seconds) to make in a barracks and are the second troop to become available once a barracks has been upgraded to level two. Goblins- Goblins are useful for looting bases at lower levels. They have double hit points on resource type buildings including both gold and elixir storage and gold mines and elixir collectors. Goblins are made using elixir and are created in 30 seconds. Tier #2 - Consists of Giants, Wall Breakers, that carry bombs), Balloons, (Wall Breakers in hot air balloons that drop bombs), and Wizards. Tier #3 - Consists of Dragons, Healers, and P.E.K.K.As (heavily armored sword-wielding warriors whose exact identity is unconfirmed). Dark Elixir Troops - Consists of Minions, Hog Riders, Valkyries, Golems, Witches, and Lava Hounds (a group of flying fiery hound-like golems that target air defenses). These troops are created by using "dark elixir", a special type of elixir that is only available at higher levels, and are also trained in their own "dark barracks". Heroes - Consists of the Barbarian King and the Archer Queen. Heroes are immortal and are only trained once. They are summoned by an altar rather than being	0	2	1	Delete	

Fig 4.15: Manage Posts

4.2.16 Manage Comments:

ReviewBD.net Hossain Mamun ▾

Menu

🏠 Home

👤 Users ▾

📄 Notice

Here is the all Comments

User-Name	Email	Comment	Action
Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	Delete
Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	Delete
Ashik Kabir	ashik@mashik.com	মুক্তিটা ভাল।	Delete
Ashik Kabir	ashik@yahoo.com	পিডাইয়া পাগল বানালামু হালা।	Delete
Suzon	suzon@zls.com	আশিক পিডামু।	Delete
Pagla Dasu	pagla@dasu.com	Pagoler songe jabi pagol hobi bujhbi seshe.	Delete
Zahidul Islam	suzon@zls.com	ভাল মুক্তি এইটা অনেক।	Delete
Zahidul Islam	suzon@zls.com	মুক্তিটা দেখনি।	Delete
Zahidul Islam	suzon@zls.com	Good course by FM Sir	Delete
Zahidul Islam	suzon@zls.com	I wont go there anymore!	Delete

Fig 4.16: Manage Comments

4.2.17 Post Notice

ReviewBD.net Hossain Mamun ▾

Menu

🏠 Home

👤 Users ▾

📄 Notice

Write a New Notice

Subject:

Post:

[Publish](#)

Fig 4.17: Notice Post

Chapter 5

Future Work

We will include lots of more categories based on user demands like book review and so on. Currently our database is not that dynamic, we will make it more efficient. However we will include email account verification. Because of 'localhost' SMTP protocol error, the email system is not working. We will include own rating system instead of **Facebook like API** so that we can use that to understand the user behavior using the data mining process. We will also build a monitoring system to see if a post is fraud or not.

Chapter 6

Conclusion

Bangladesh is a developing country. There are no online facilities to promote her own products by the consumers. We happen to see a lot of advertises of various products but they are busy in self-admiration. What is good what is bad is decided by the consumers. So if the consumers get the opportunity to tell what is good and what is bad, life would be so simple and the products companies will give more attention to make quality products. We are giving our users an online platform of “Word of Mouth” Marketing.

Appendix

In MVC framework we have Model for database, View for user view and Controller to control Model and View. Here we are showing the main function of the control.

5.1 Home Page:

```
public function index(){
    $this->load->model('model_users');
    //-----Pagination-----
    $this->load->library('pagination');
    $config['base_url'] = site_url('site/index');
    $config['total_rows'] = $this->db->get('posts')->num_rows();
    $config['uri_segment'] = 3;
    $config['per_page'] = 5;

    $config['full_tag_open'] = "<ul class='pagination'>";
    $config['full_tag_close'] = "</ul>";
    $config['num_tag_open'] = '<li>';
    $config['num_tag_close'] = '</li>';
    $config['cur_tag_open'] = "<li class='disabled'><li class='active'><a
href='#>";

    $config['cur_tag_close'] = "<span class='sr-only'></span></a></li>";
    $config['next_tag_open'] = "<li>";
    $config['next_tagl_close'] = "</li>";
    $config['prev_tag_open'] = "<li>";
    $config['prev_tagl_close'] = "</li>";
    $config['first_tag_open'] = "<li>";
```

```

$config['first_tagl_close'] = "</li>";
$config['last_tag_open'] = "<li>";
$config['last_tagl_close'] = "</li>";

$this->pagination->initialize($config);
$pag = $this->db->order_by("post_id", "desc")->get('posts',
$config['per_page'], $this->uri->segment(3));

$table_data_home['allposts'] = $pag->result();

//-----end pagination-----

/*$table_data_home['allposts'] = $this->model_users->get_all_posts();*/
$this->load->view('my_site',$table_data_home);

}

```

5.2 Login Page:

```

public function login()
{
    $data['title']='Login';
    $this->load->view('login/login',$data);
}

public function login_validation()
{
    $this->load->library('form_validation');
    $this->form_validation-
>set_rules('email','Email','required|trim|xss_clean|callback_validate_credentials');//xss prevent
cross site scripting (hack er jonno use kore cross site scripting)
    $this->form_validation->set_rules('password','Password','required|md5|trim');

```

```

if($this->form_validation->run())
{
    //Setting up the SESSION DATA

    $mail = $this->input->post('email');
    //$this->profile($mail);
    $sql = "SELECT name from signup WHERE email = '". $mail.'" LIMIT
1";

    $result = $this->db->query($sql);
    $row = $result->row();

    $data=array(
    'email' => $this->input->post('email'),
    'name' => $row->name,
    'is_logged_in' => 1

    );
    $this->session->set_userdata($data);
    redirect('site');
}
else{
    $this->load->view('login/login');
}

}

```

5.3 Signup:

```

public function signup() //=====>> SIGN UP

```

```

        {
            $this->load->view('signup/signup');
        }
public function signup_validation()
    {
        $this->load->library('form_validation');
        $this->form_validation->
>set_rules('email','Email','required|trim|valid_email|is_unique[signup.email]');

        $this->form_validation->set_rules('password','Password','required|trim');

        $this->form_validation->set_rules('cpassword','Confirm
Password','required|trim|matches[password]');

        $this->form_validation->set_message('is_unique', 'The given email address
already exists. ');
        if($this->form_validation->run()){

            $this->load->model('model_users');

            if($this->model_users->add_user())
                {
                    /*echo "hi ".$this->input->post('name')." Registred successfully"
;*/

                    echo"<script language='javascript'>
alert('Registration Successfull! Please Login...');
window.location.href = 'login';
</script>
";

```

```

        }
    else
        {
            echo "Registration failed";
        }

    }else{
        $this->load->view('signup/signup');
    }
}

```

5.4 Logout:

```

public function logout(){
    $this->session->sess_destroy();
    redirect('site');
}

```

5.5 Profile:

```

public function profile(){
    if($this->session->userdata('is_logged_in')){
        $this->load->model('model_users');
        $data = $this->model_users->show_pp();
        //print('/uploads/'. $data);
        $img = base_url(). $data;
        $table_data['allposts'] = $this->model_users->get_user_posts();
        $pass_the_img = array('img' => $img);
        $data = array_merge($pass_the_img, $table_data);
    }
}

```

```

$this->load->view('profile/profile', $data);
    }
    else{
        echo "You are not authorized...";
    }
}

```

```

public function save_pp(){
    $url = $this->do_upload();
    $this->load->model('model_users');
    if(!$this->model_users->save_pp_model($url))
    {
        echo "Uploaded successfully" ;
        redirect('site/profile');
    }
else
    {
        echo "Upload failed";
    }
}

```

```

private function do_upload(){

    $type = explode('.', $_FILES["pic"]["name"]);
    $type = $type[count($type)-1];
    $url = "./images/pp/".uniqid(rand()).'.'.$type;
    if(in_array($type, array("jpg", "jpeg", "gif", "png"))){
        if(is_uploaded_file($_FILES["pic"]["tmp_name"])){
            if(move_uploaded_file($_FILES["pic"]["tmp_name"],
$url))

```

```

        {
            return $url;
        }
    }
    return "";
}
}

function show_pp()
{
    $this->load->model('model_users');
    $data = $this->show_pp();
}

```

5.6 Write New Review:

```

public function write_new_blog(){
    if($this->session->userdata('is_logged_in')){
        $this->load->view('newblog/newblog');
    }
    else echo "You are not authorized to see this page. Please login! ";

}

public function post_new_blog(){
    $this->load->library('form_validation');
    $this->form_validation->set_rules('blog_post','Post','required');
    $this->form_validation->set_rules('blog_title','Title','required|trim');
    $this->form_validation->set_rules('tag','Tag','required');
    $this->form_validation->set_rules('categories','Categories','required');
    if($this->form_validation->run()){
        $post_img_url = $this->post_img_do_upload();
    }
}

```



```

        $this->load->model('model_users');
        if($this->model_users->write_new_post($post_img_url))
            {
                echo " Your post has been published successfully" ;
                redirect('site/profile/profile');
            }
        }
    else
        {
            $this->load->view('newblog/newblog');
        }
}
private function post_img_do_upload(){

    $type = explode('.', $_FILES["pic"]["name"]);
    $type = $type[count($type)-1];
    $url = "./images/postings/" . uniqid(rand()) . '.' . $type;
    if(in_array($type, array("jpg", "jpeg", "gif", "png"))){
        if(is_uploaded_file($_FILES["pic"]["tmp_name"])){
            if(move_uploaded_file($_FILES["pic"]["tmp_name"],
                $url))
                {
                    return $url;
                }
        }
    }

    return "";

}

```

```
}
```

5.7 Categorical Post:

```
public function categorial_post(){
    $data['category_name'] = $_GET['category_name'];
    $for_categort_page_title = $_GET['category_name'];
    $this->load->model('model_users');
    $table_data_category['allposts'] = $this->model_users-
>model_for_category_post($data);

    $this->load->view('category_post/categorial_post',
$table_data_category);
}
```

5.8 Viewing a complete post:

```
public function full_post(){
    $data['postID'] = $_GET['post_id']; // home page theke
URL er maddhome $post_id variable ta nie aschi
    $this->load->model('model_users');

    $whole_single_post['single_post'] = $this->model_users-
>get_whole_single_post($data);
    $sub_categories['sub_categories'] = $this->model_users-
>get_sub_categories($data);
    $post_comments['all_comments'] = $this->model_users-
>get_all_comments($data);

    $pass_the_array_of_post_and_comments =
array_merge($whole_single_post, $post_comments, $sub_categories, $data);
    $this->load-
>view('post_view/post',$pass_the_array_of_post_and_comments);
```

```
}
```

5.9 Comment:

```
public function publish_comments(){  
    $this->load->model('model_users');  
    $this->model_users->insert_comment();  
}
```

5.10 Report Count:

```
public function report_count(){  
    $post_id = $_POST['report'];  
    $value = 1;  
    /*echo $post_id ; echo $value;*/  
    echo"<script language='javascript'>  
alert('Post Reported');  
window.history.go(-1);  
  
</script>  
";  
    $this->load->model('model_users');  
    $this->model_users->update_post_report($value,$post_id);  
}
```

5.11 Search:

```
public function search(){  
    $search_words = $_POST['search'];  
    $search_words = trim($search_words);  
    $splitting_search_words = explode(" ", $search_words);
```

```

        $this->load->model('model_users');
        $table_data_search['search_result'] = $this->model_users-
>search_function($spliting_search_words);
        $this->load->view('search/search', $table_data_search);
    }

```

5.12 Notice Board:

```

public function notice_board(){
    $this->load->model('model_users');
    $notice['notice_post'] = $this->model_users->get_notice();
    $this->load->view('notice/notice', $notice);
}

```

5.13 Home (Admin Panel):

```

public function index(){
    $this->load->model('admincheck_model');
    if($this->admincheck_model->is_admin_logged_in()){

        $total_user=$this->admincheck_model->user_count();
        $total_post=$this->admincheck_model->post_count();
        $data['cal']=$this->calendar->generate();
        $data['homepage']='homepage';
        $data['home']='Home';
        $data['userlist']=$total_user;
        $data['postcount']=$total_post;
    }
    $this->load->view('dashboard_layout',$data);
}
else{
    $this->load->view('admin_view');
}

```

```

    }

    }
    public function validation(){

$this->form_validation->set_rules('email', 'Email', 'required|valid_email');
    $this->form_validation->set_rules('pword', 'Password', 'required');
    if ($this->form_validation->run() == FALSE)
    {

    $this->load->view('admin_view');
    }
else
    {

$result=$this->admincheck_model->admin_check();

        if($result){
            redirect('dashboard_con');
        }

        else{
            $data=array();
            $data['error_login']='Username or Password is invalid!';
            $this->load->view('admin_view',$data);
        }
    }
}

```

5.14 Logout (Admin Panel):

```

public function logout(){
    if($this->admincheck_model->is_admin_logged_in()){
        $this->session->unset_userdata('current_admin_id');
        $this->session->unset_userdata('current_admin_name');

        $this->session->sess_destroy();
        redirect('admin_con/?logout=success');
    }
    else{
        $this->load->view('admin_view');
    }

}

```

5.15 All Users (Admin Panel):

```

public function all_users(){
    $this->load->model('admincheck_model');
    $data['allUsers']='allUsers';
    $data['manage_users']='Users List';
    $data['allUserData']= $this->admincheck_model->all_user_list();
    $this->load->view('dashboard_layout',$data);
}

```

5.16 Delete User (Admin Panel):

```

public function user_delete($id){

    if ($this->admincheck_model->user_delete($id)) {
        redirect('dashboard_con/all_users');
    }
}

```

```

        else{
            redirect('dashboard_con');
        }
    }
}

```

5.17 All Posts (Admin Panel):

```

public function all_posts(){
    $this->load->model('admincheck_model');
    $data['allPosts']='allPosts';
    $data['user_post']='Users Post';
    $data['allUserPost']= $this->admincheck_model->all_post_list();
    $this->load->view('dashboard_layout',$data);
}

#post delete
public function post_delete($id){

    if ($this->admincheck_model->post_delete($id)) {
        redirect('dashboard_con/all_posts');
    }
else{
    redirect('dashboard_con');
}

}

```

5.18 All comments (Admin Panel):

```

#all Comments

```

```

public function all_comments(){
    $this->load->model('admincheck_model');
    $data['allComments']='allComments';
    $data['user_comment']='Users Comment';
    $data['allUserComment']= $this->admincheck_model->all_comment_list();
    $this->load->view('dashboard_layout',$data);

}

#comment delete
public function comment_delete($id){

    if ($this->admincheck_model->comment_delete($id)) {
        redirect('dashboard_con/all_comments');
    }
    else{
        redirect('dashboard_con');
    }

}

```

5.19 Notice Board:

```

public function notice(){
    $data['Notice']='Notice';
    $data['notice']='Write New Notice';
    $this->load->view('dashboard_layout',$data);

}

public function notice_validation(){
    $this->form_validation->set_rules('subject', 'Subject', 'required');
    $this->form_validation->set_rules('notice_post', 'Text', 'required');
}

```



```
if ($this->form_validation->run() == FALSE)
{

    $data['Notice']='Notice';
    $data['notice']='Wrong Validity';
    $this->load->view('dashboard_layout',$data);

}
else{
    if ($this->admincheck_model->notice_insert()) {

        $data['Notice']='Notice';
        $data['notice']='Success Message';
        $data['success']='Your notice has been written successfully!';
        $this->load->view('dashboard_layout',$data);
    }

}
}
}
```

Reference

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