

CHAPTER 1

INTRODUCTION

INTRODUCTION

1.1 INTRODUCTION

Our project entitled as PROJECT RAKHO. It is very important for regular students of department of Computer Science and Engineering. We know students of department of Computer Science and Engineering provide a project after every 4 months, for making this they are face lot of problem. Our project help to solve this problem. Downloading and uploading system are include in our website. And this is what motivated us to make this website. A huge number of ex-students were making their project we regular student don't know what kind of project had them and don't get any idea about their project. We tried to solve this problem. By doing this we believe that our running students of CSE Department will be benefitted in many ways. The system will provide a user-friendly interface that would be convenient for the students. All the features of this website will help to make motivation and satisfaction of every students.

1.2 PROJECT MOTIVATION

Everyday regular students of our Department need suggestions, idea, methodology about their upcoming project. And our project will help them get their need and give a proper guideline how to improve project quality.

1.3 ADVANTAGES OF USING THIS WEBSITE

The advantages of using this website are:

- Will bring all the alumni of Leading University together.
- Current students will get a proper guideline for their student life and professional life.
- Possible to share necessary project for the welfare of current students.
- Has a user-friendly interface.
- Easy to use.
- Possible to communicate with project owner via instant messaging.

1.4 FEATURES

1.4.1 Easy to Use:

- This website has user friendly interface.
- Managing is very easy.

1.4.2 Uploading Post:

- Ex-students can upload their project according to category.
- Any member of can delete post.
- Post can also be updated.

1.4.3 Can Download File:

- User can download file if necessary, by request.
- Current students also can view the post has been posted by Ex-student.
- Current students can connect with project owner.

1.4.5 Messaging:

- Both Ex-students and current students can send and reactive message between each other.

1.4.6 Admin Abilities:

- Admin has to approve users.
- Admin has the ability to delete user.
- Admin has the ability to delete any inappropriate content.

1.4.8 Like, Comment, Rating:

- Current Student can like or comment on the posts.
- Current Student can give rating on the posts.

1.5 AIM AND OBJECTIVES

This project is built for the benefit of our current student for good direction to make better upcoming project. This website will help all over student from present to future. Our aim about our project just impartment and efficient to user. Actually, it is one-time upload life time help.

1.6 SYSTEM WE USED

- **Device:** Desktop, Laptop, Mobile
- **IDE:** Notepad++, Bracket, Sublime
- **Language:** HTML, CSS, JavaScript
- **Back End:** PHP, MySQL (database)

1.7 PURPOSE

- To make a system that is simple to use and easily accessible.
- To make a system that is secured.
- To minimize the time required for get good services.
- To make it easy to post ads or look for properties.
- To develop a functional administration system.
- To provide a verification system that is secured.

CHAPTER 2

SYSTEM REQUIREMENTS

SYSTEM REQUIREMENTS

2.1 SOFTWARE REQUIREMENTS

- Sublime Text
- Visual Studio code
- XAMPP
- Adobe XD
- Adobe Photoshop

2.1.1 Sublime Text

Sublime Text is a proprietary cross-platform source code editor with a Python application programming interface (API). It natively supports many programming languages and markup languages, and functions can be added by users with plug-in, typically community-built and maintained under free-software licenses.

We use sublime text editor for make visual design for run web browser. All HTML and CSS part write in this editor.

2.1.2 Visual Studio Code

Visual Studio Code combines the simplicity of a source code editor with powerful developer tooling, like IntelliSense code completion and debugging. It is used to develop computer programs for Microsoft Windows, as well as web sites, web applications and web services. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. And it also supports a number of programming languages and a set of features that is available for the given PROJECT RAKHO “Student for short time alumni for lifetime”²⁸ language. But many of the Visual Studio Code features are not available on the preference bar that means the developer need to use the command line interface to use them or they can be used via a Jason file. It helps the developer to code the program flexibly.

We use this text editor when increase our project layout because in this apps we run full folder at once, therefore editing and link up are very easy

2.1.3 XAMPP

XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included PROJECT RAKHO “Student for short time alumni for lifetime”²⁹ in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

In our project, it has a big database. For making database we need create database query. And we create by this apps.

2.1.4 Adobe XD

Adobe XD is a vector-based user experience design tool for web apps and mobile apps, developed and published by Adobe Inc. It's available for macOS and Windows, although there are versions for iOS and Android to help preview the result of work directly on mobile devices. We use to XD supports website wireframing, and creating simple, immersive, interactive click-through prototypes

2.1.5 Adobe Photoshop

Adobe Photoshop is a raster graphics editor developed and published by Adobe Inc. for Windows and macOS. It was originally created in 1988 by Thomas and John Knoll. Since then, the software has become the industry standard not only in raster graphics editing, but in digital art as a whole. The software's name has thus become a generic trademark, leading to its usage as a verb although Adobe discourages such use. Photoshop can edit and compose raster images in multiple layers and supports masks, and several color models including RGB, CMYK, CIELAB, spot color, and duotone. Photoshop uses its own PSD and PSB file formats to support these features. In addition to raster graphics, this software has limited abilities to edit or render text and vector graphics as well as 3D graphics and video. Its feature

set can be expanded by plug-ins; programs developed and distributed independently of Photoshop that run inside it and offer new or enhanced features.

We use this app for editing image related work. Like removing background

2.2 PROGRAMMING LANGUAGE

To develop our project, we need some specialize compiler to support to our required object-oriented language. For the site we used the following kinds of tools and software:

- HTML/HTML 5
- CSS
- PHP
- MySQL
- jQuery
- Java Script

2.2.1 HTML/HTML 5

What is HTML?

HTML is the standard markup language for creating web pages.

- HTML stands for Hyper Text Markup Language.
- HTML describes the structure of web pages using markup.
- HTML elements are the building blocks of HTML pages.
- HTML elements are represented by tags.
- HTML tags label pieces of content such as heading, paragraph, table and so on.
- Browsers do not display the HTML tags, but use them to render the content of the page.

When to use HTML 5?

HTML 5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard. It was published in October 2014 by the World Wide Web Consortium (W3C) to improve the language with support for the latest multimedia, while keeping it both easily readable by humans and consistently understood by computers and devices such as web browsers, parsers, etc. HTML5 includes detailed processing models to encourage more interoperable implementations; it extends, improves and rationalizes programming interfaces (APIs) for complex web applications. For the same reasons, HTML5 is also a candidate for cross-platform mobile application, because it includes features designed with low-Powered device in mind. Many new syntactic features are included. To natively include and handle multimedia and graphical content, the new (video), (audio) and (canvas) elements were added and support for scalable vector graphics (SVG) content and Math ML for mathematical formulas. To enrich the semantic contents of documents, new page structure elements such as (main), (section), (articles), (header), (footer), (aside), (nav) and (figure) are added. New attributes are introduced, some elements and attributes have been removed and other such as (a), (cite) and (menu) have been changed, redefined or standardized.

We create all markup by HTML5. Without HTML markup not possible

2.2.2 CSS

What is CSS?

- CSS stands for Cascading Style Sheets.
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media.
- CSS saves a lot of work. It can control the layout of multiple web pages all at once.
- External style sheets are stored in CSS files.

After finish markup we need design to show up every section of website. We create and maintain all effective design by CSS language.

CSS solved a big problem:

HTML was NEVER intended to contain tags for formatting a web page. HTML was created to describe the content of a web page, like: When tags like, and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers. Development of large websites, where fonts and color information were added to every single page, became a long and expensive process.

We use many animated css for make affective feature's.

CSS saves a lot of work:

The style definitions are normally saved in external. CSS files. With an external style sheet file, you can change the look of an entire website by changing just one file.

1. Search engine optimization

CSS is considered a clean coding technique, which means search engines won't have to struggle to "read" its content. Also, using CSS will leave your website with more content than code – and content is critical to your search engine success.

2. Browser compatibility

The recent arrival of Google Chrome is further evidence that today's Internet users have more browser options than ever before, which makes browser compatibility a major issue for your website. CSS style sheets increase your website's adaptability and ensure that more visitors will be able to view your website in the way you intended.

3. Appearance

The CSS -web kit-appearance property enables web authors to change the appearance of HTML elements to resemble native User Interface (UI) controls. The

CSS -web kit-appearance property is a proprietary CSS extension that is supported by the web kit browser engine.

4. Maintainability

Maintainability is defined as the probability of performing a successful repair action within a given time. In other words, maintainability measures the ease and speed with which a system can be restored to operational status after a failure occurs. This is similar to system reliability analysis except that the random variable of interest in maintainability analysis is time-to-repair rather than time-to-failure.

5. Viewing options

Another common web design concern is the increasing need to make websites available for different media. CSS can help you tackle this challenge by allowing the same markup page to be presented in different viewing styles for example, you may create a separate stylesheet for print or for a mobile device. With so many advantages to offer, CSS is a wise choice for web design. If you're interested in making your website load faster, look better and rank higher, consider using CSS to create a new website or improve an existing website.

6. Bandwidth savings:

When CSS separates your website's content from its design language, you dramatically reduce your file transfer size. Your CSS document will be stored externally, and will be accessed only once when a visitor requests your website. In contrast, when you create a website using tables, every page of your website will be accessed with each visit. Your reduced bandwidth needs will result in a faster load time and could cut your web hosting costs.

7. Save time:

With CSS, you only have to specify these details once for any element. CSS will automatically apply the specified styles whenever that element occurs. Less code means faster download times. To change the style of an element looks across the whole site, you only have to make an edit in one place. CSS was built for styles. HTML

was not. While browsers usually display HTML elements in a certain way, you can override this with CSS.

2.2.3 PHP

What is PHP?

- PHP is an acronym for "PHP: Hypertext Preprocessor".
- PHP is a widely-used, open source scripting language.
- PHP scripts are executed on the server.
- PHP is free to download and use. What is PHP file?
- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code are executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php" What Can PHP Do?
- PHP can generate dynamic page content.
- PHP can create, open, read, write, delete, and close files on the server.
- PHP can collect form data.
- PHP can send and receive cookies.
- PHP can add, delete, modify data in your database.
- PHP can be used to control user-access.
- PHP can encrypt data. Why PHP?
- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is easy to learn and runs efficiently on the server side

We use PHP for developing our back-End part of our website. We have made dynamic our website by using PHP.

2.2.4 MySQL

What is SQL?

- SQL stands for Structured Query Language
- SQL lets you access and manipulate databases
- SQL is a American National Standards Institute (ANSI) What can SQL do?
- SQL can execute queries against a database

- SQL can retrieve data from a database
- SQL can insert records in a database
- SQL can update records in a database
- SQL can delete records from a database
- SQL can create new databases
- SQL can create new tables in a database
- SQL can create stored procedures in a database
- SQL can create views in a database
- SQL can set permissions on tables, procedures, and views

We use MySQL for running database query.

2.2.5 JavaScript

What is JavaScript?

JavaScript is a scripting or programming language that allows you to implement complex things on web pages every time a web page does more than just sit there and display static information for you to look at displaying timely content updates, interactive maps, animated 2D/3D graphics, scrolling video jukeboxes, etc. you can bet that JavaScript is probably involved. It is the third layer of the layer cake of standard web technologies, two of which (HTML and CSS) we have covered in much more detail in other parts of the Learning Area.

Why JavaScript study?

JavaScript is one of the 3 languages all web developers must learn:

1. HTML to define the content of web pages.
2. CSS to specify the layout of web pages.
3. JavaScript to program the behavior of web pages.

We use JavaScript in any section to make effective basically use I fixed nav bar and scrolling and slider.

2.2.6 Bootstrap

What is Bootstrap?

- Bootstrap is a free front-end framework for faster and easier web development.
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugging.
- Bootstrap also gives you the ability to easily create responsive designs. Page | 27 What is Responsive Web Design? Responsive Web Design is about using HTML and CSS to automatically resize, hide, shrink, or enlarge, a website, to make it look good on all devices (desktops, tablets, and phones. Why Use Bootstrap?

Advantages of Bootstrap:

- Easy to use: Anybody with just basic knowledge of HTML and CSS can start using Bootstrap.
- Responsive features: Bootstrap's responsive CSS adjusts to phones, tablets, and desktops.
- Mobile-first approach: In Bootstrap 3, mobile-first styles are part of the core framework.
- Browser compatibility: Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Edge, Safari, and Opera).

Bootstrap history:

History of Bootstrap (Reference) Bootstrap, originally named Twitter Blueprint, was developed by Mark Otto and Jacob Thornton at Twitter as a framework to encourage consistency across internal tools. ... It was renamed from Twitter Blueprint to Bootstrap, and released as an open source project on August 19, 2011.

We use this for grid and many short techniques. bootstrap was used in every single layout.

2.2.7 Vue.js

What is Vue.js?

Vue is a progressive framework for building user interfaces. Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable. The core library is focused on the view layer only, and is easy to pick up and integrate with other libraries or existing projects. On the other hand, Vue is also perfectly capable of powering sophisticated Single-Page Applications when used in combination with modern tooling and supporting libraries

After Front End Design we have converted our html code to the Vue for developing out site.

2.3 WEB BROWSER REQUIREMENT

The web browsers are software application which allow the customers to open and read HTML, PHP and other scripting languages on their computers from a server or a file system. There are a lot of web browsers available for personal computer nowadays which includes Internet Explorer, Safari, Mozilla Firefox, Opera, and Google Chrome. Etc. browser is commonly used to access the World Wide Web (www).

Web browsers that are used for development and testing purpose are given below:

We use responsive code for supporting any browser of this site

Google Chrome

Google Chrome (commonly known simply as Chrome) is a web browser developed by Google. It was first released in 2008 for Microsoft Windows, and was later ported to Linux, macOS, iOS, and Android. The browser is also the main component of Chrome OS, where it serves as the platform for web apps.

Mozilla Firefox

Mozilla Firefox is a free and open-source web browser developed by The Mozilla Foundation and its subsidiary, Mozilla Corporation. Firefox is available for Windows, macOS, Linux, BSD, and Solaris operating systems.

Opera

Opera is a web browser for Windows, macOS, and Linux operating systems developed by Norwegian company Opera Software AS. It is a Chromium-based browser using the Blink layout engine

Safari

Safari is a graphical web browser developed by Apple, based on the WebKit engine. First released on desktop in 2003 with Mac OS X Panther, a mobile version has been bundled with iOS devices since the iPhone's introduction in 2007. Safari is the default browser on Apple devices.

UC browser

UC Browser is a web browser developed by the Chinese mobile Internet company UCWeb, which is in turn owned by the Alibaba Group.

2.4 OPERATING SYSTEM USED DURING DEVELOPMENT

We have developed the system on windows operating system but we've also tested this project on different types of operating systems and browsers.

Windows 7 & 10

- Internet Explorer
- Chrome
- Mozilla Firefox
- Opera

2.5 APACHE WEB SERVER

Apache is the most widely used web server software. Developed and maintained by Apache Software Foundation, Apache is open source software available for free. It runs on 67% of all web servers in the world. It is fast, reliable, and secure. It can be highly customized to meet the needs of many different environments by using

extensions and modules. Most Word Press hosting providers use Apache as their web server software. However, Word Press can run on other web server software as well.

2.6 HARDWARE REQUIREMENT

Our project does not need a huge amount of hardware requirement. But it needs some minimum hardware components to run this project

| PROCESSOR | HARD DISK | RAM | CAPABILITY |
|----------------|-------------------|----------|-----------------|
| Pentium Series | 40GB/80GB | 512MB | Slow but usable |
| Celeron | 160GB | 512/1GB | Moderate |
| Dual Core | 160GB/250GB/500GB | 2GB/4GB | Faster |
| Core 2 Due | 500GB | 4GB | Faster |
| Core i3 | 1TB | 4GB | Faster |
| Core i5 | 1TB | 4GB/8GB | Faster |
| Core i7 | 1TB | 8GB/16GB | Faster |

CHAPTER 3

SYSTEM DESIGN

SYSTEM DESIGN

3.1 USE CASE DIAGRAM

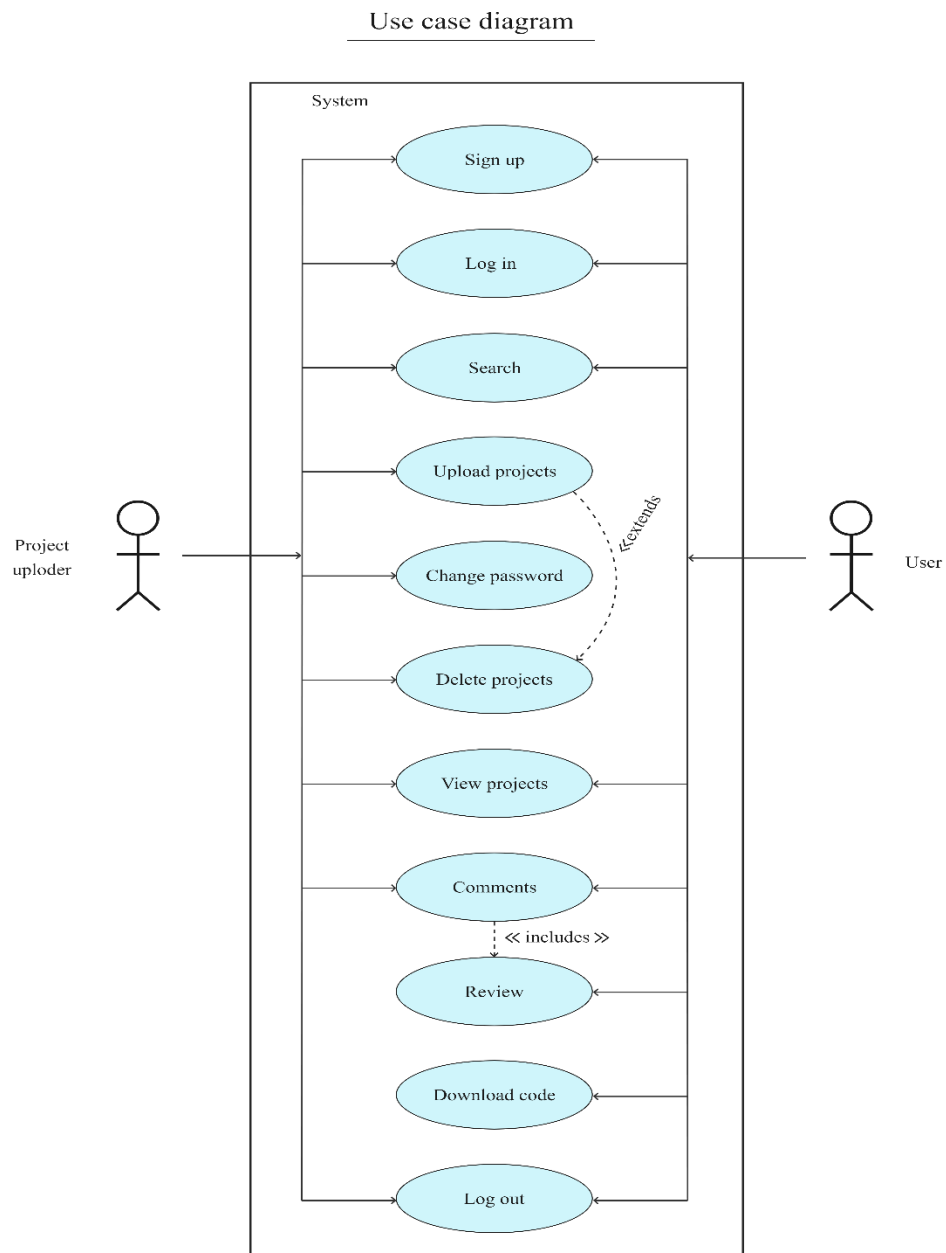


Fig: Use Case Diagram

3.2 DATA FLOW DIGRAM

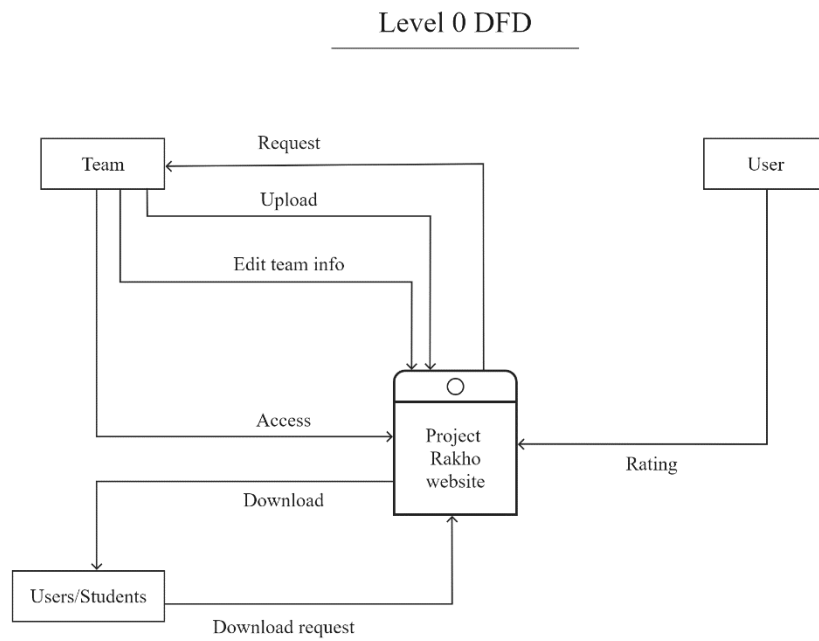


Fig: Level 0 DFD

Level 1 DFD

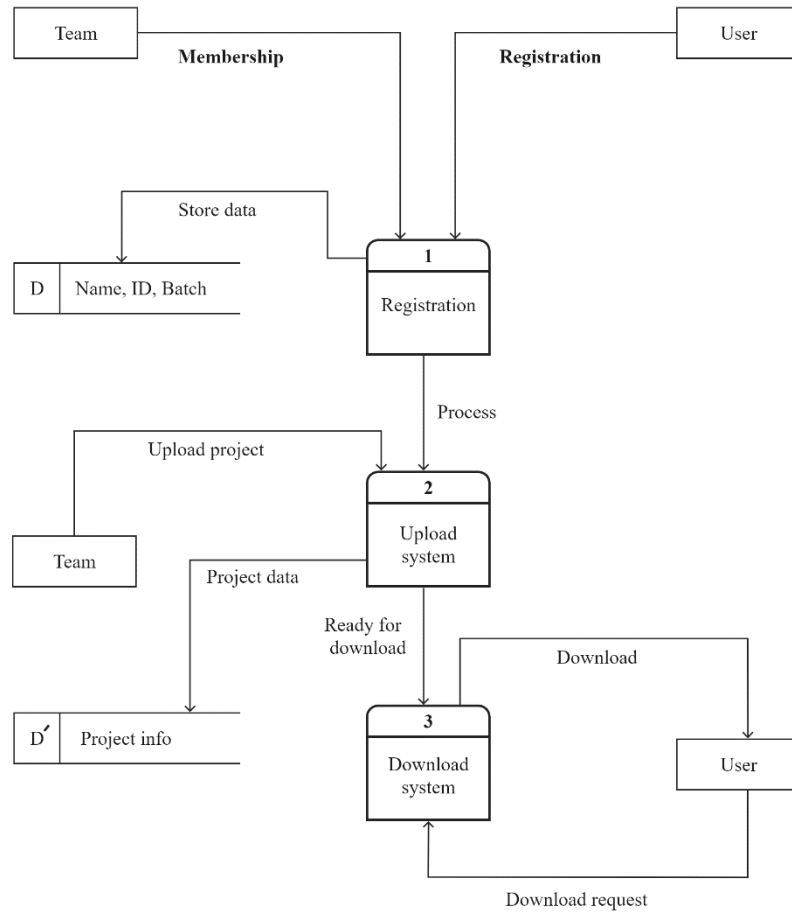


Fig: Level 1 DFD

3.3 ENTITY RELATIONSHIP DIAGRAM

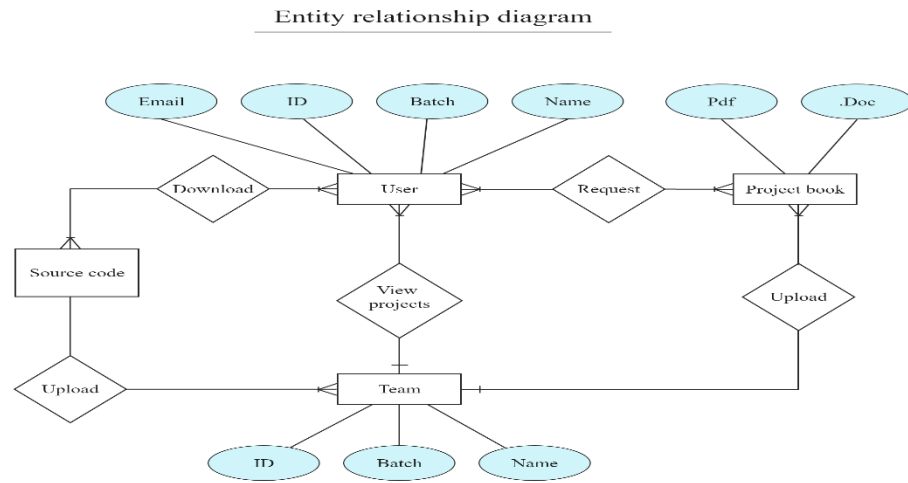


Fig: ER Diagram

CHAPTER 4

PROJECT METHODOLOGY

PROJECT METHODOLOGY

4.1 USER INTERFACE

4.1.1 Home Page

This is the first page when a user sees our website

Header Section:

This is our header section of our home page. It contains a create account button by which create user account and contains an upload button by which project owner upload project to this website. And also contains an effective animation.

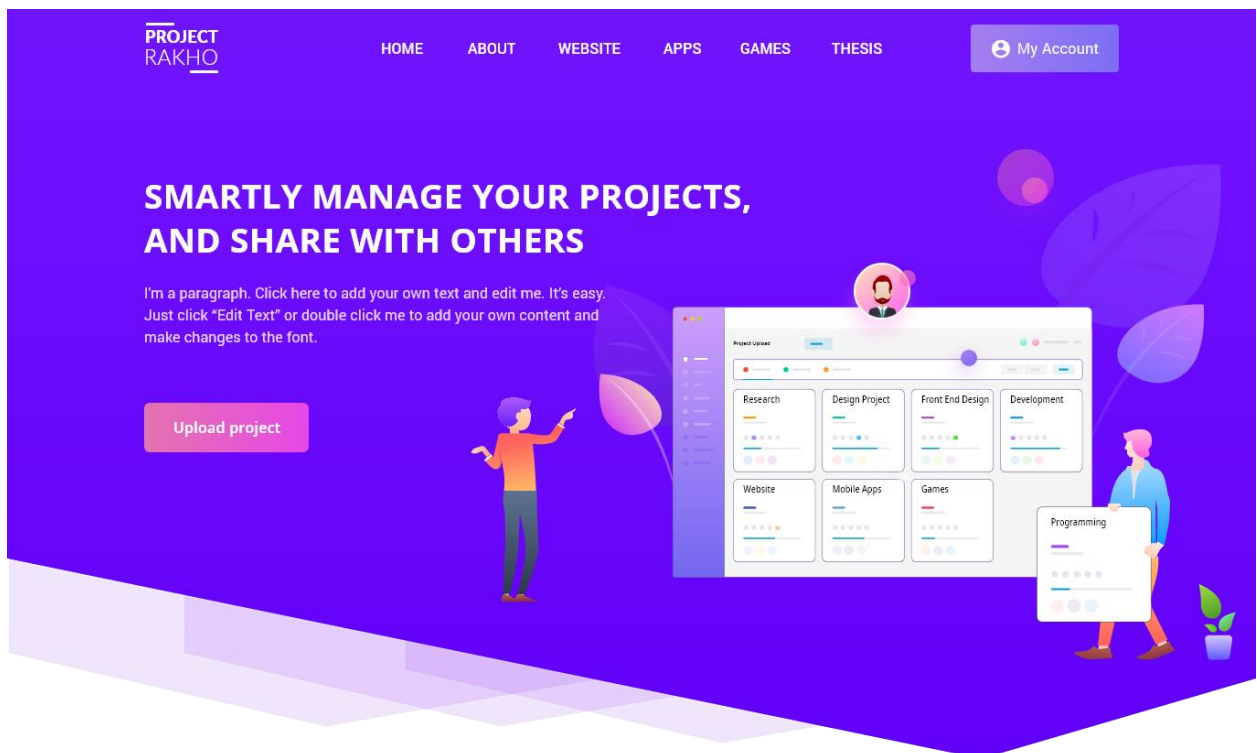


Fig: 4.1 Header Section

Website Section:

It is our website section of home page. In this section contain website which are upload project owner.

Website design and development

I'm a paragraph. Click here to add your own text and edit me. It's easy. Just click "Edit Text" or double click me to add your own content and make changes to the font. I'm a great place for you to tell a story and let your users know a little more about you.

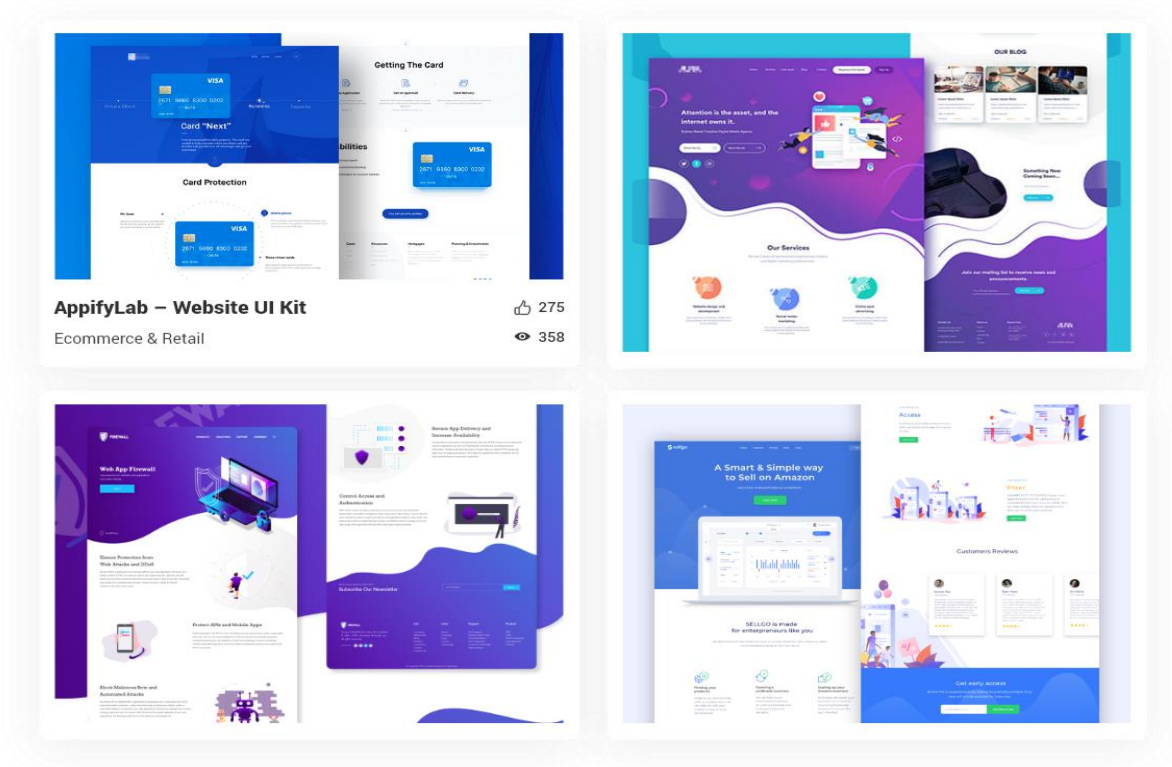


Fig: 4.2 Website Section

Mobile apps Section:

It is our mobile apps section of home page. In this section contain mobile apps which are upload project owner.it has two cards for IOS and Android when we click any card then inter the next page of all similar apps which card, we clicked.

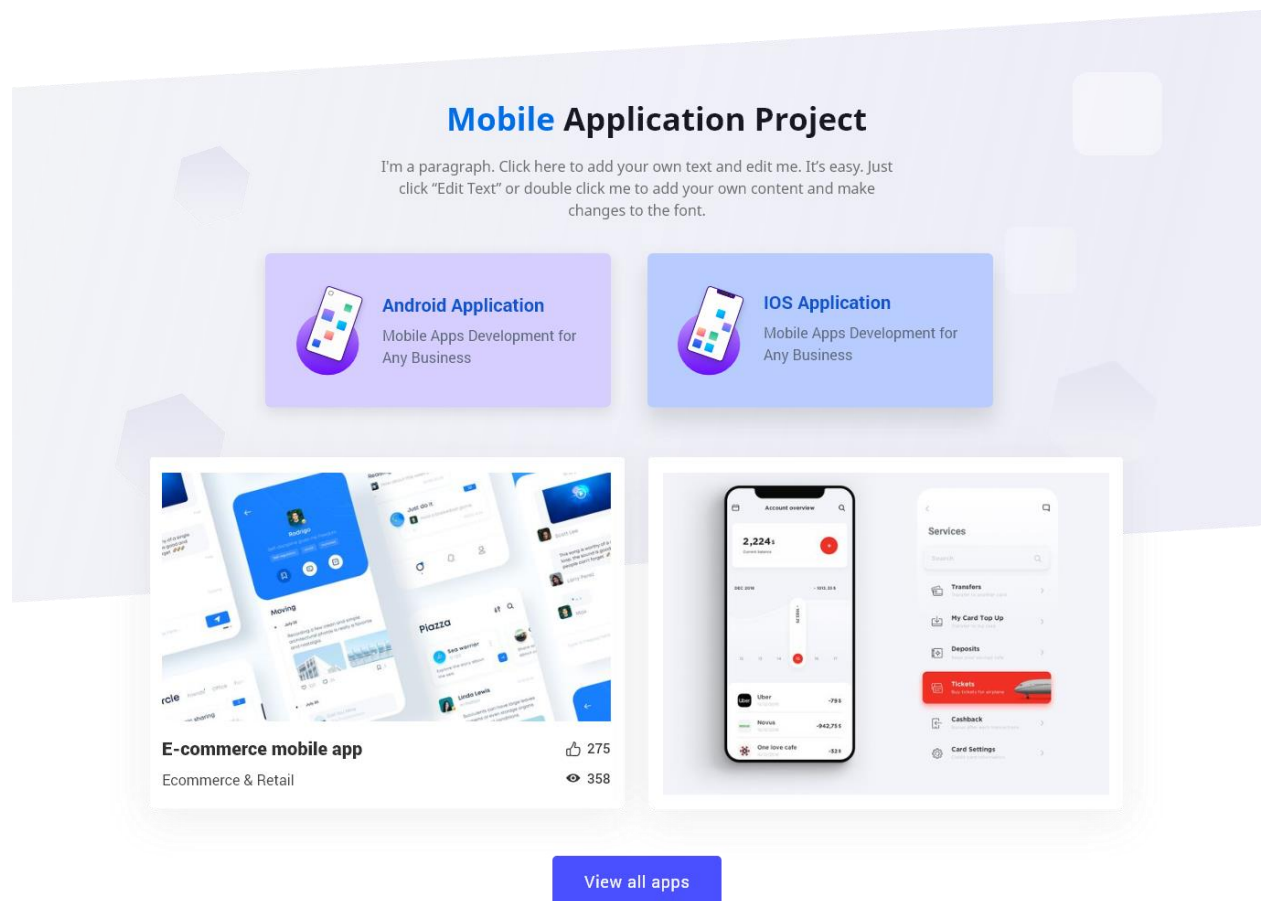
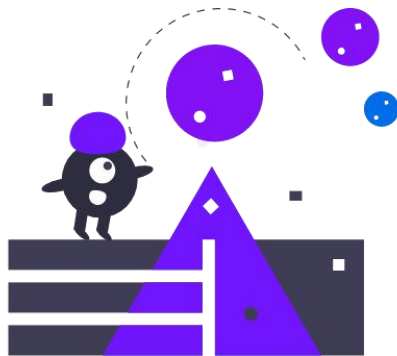


Fig: 4.3 Mobile Apps Section

Game Section:

It is our website section of home page. In this section contain website which are upload project owner.



Game Development

I'm a paragraph. Click here to add your own text and edit me. It's easy. Just click "Edit Text" or double click me to add your own content and make changes to the font.



Gaming punch online game

Action game

👍 275

👁 358



Fig: 4.4 Game Section

4.2 AUTHENTICATION:

Create Account button:

when any user sees our website, all of those see a button by click crate account and get a dropdown menu. In this dropdown menu to submenu are contain

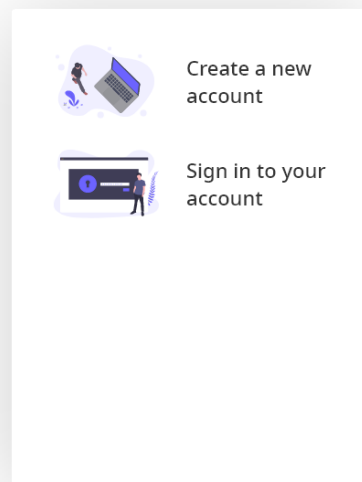
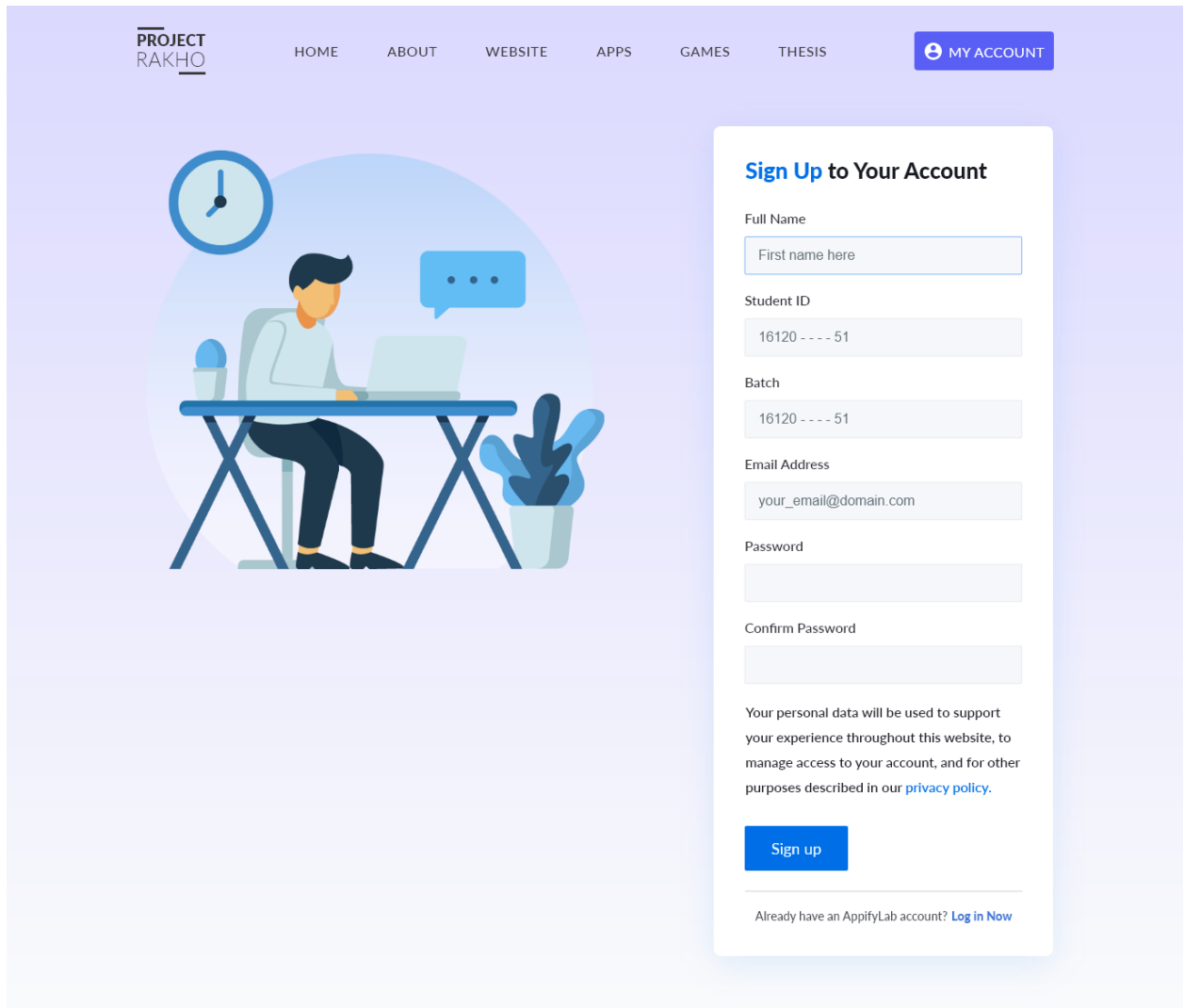


Fig: 4.5 Create account menu

Sign up page:

When we click crate account submenu then this page is appearing in front of us. In which provide valid information about yourself to create a new account for become a member of this website either as admin or as a user.



PROJECT RAKHO

HOME ABOUT WEBSITE APPS GAMES THESIS [MY ACCOUNT](#)

Sign Up to Your Account

Full Name

Student ID

Batch

Email Address

Password

Confirm Password

Your personal data will be used to support your experience throughout this website, to manage access to your account, and for other purposes described in our [privacy policy](#).

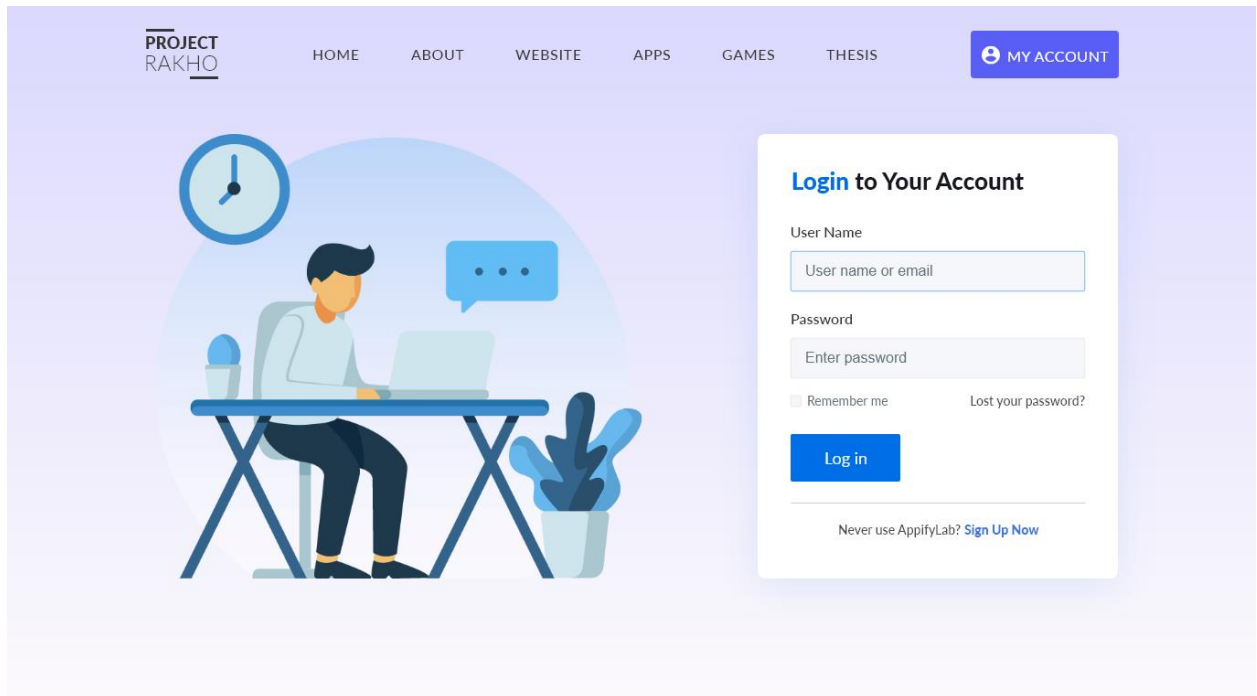
[Sign up](#)

Already have an AppifyLab account? [Log in Now](#)

Fig: 4.6 Sign Up page

Sign in page:

When we click sign in to your account submenu then this page is appearing in front of us. After we create a new account then we put valid date to access our website.



The image shows a web page for 'PROJECT RAKHO'. The header includes a navigation menu with links: HOME, ABOUT, WEBSITE, APPS, GAMES, and THESIS. A 'MY ACCOUNT' button is located in the top right corner. The main content area features a large illustration on the left of a person sitting at a desk with a laptop, a clock, and a potted plant. On the right, there is a 'Login to Your Account' form. The form contains fields for 'User Name' (with placeholder text 'User name or email') and 'Password' (with placeholder text 'Enter password'). Below the password field are two checkboxes: 'Remember me' and 'Lost your password?'. A blue 'Log in' button is positioned below the form. At the bottom of the form, there is a link that says 'Never use AppifyLab? Sign Up Now'.

Fig: 4.7 Sign in page

4.3 PROJECT OWNER

In our website admins are all team member who are crate project and uploaded file. If any ex-student would want an admin, then who are maintain some formality to access to our website for uploading project.

Dropdown menu:

When we create a new account then we get a dropdown menu to go to different pages of our website. when we click on my Account button then this menu will show from back side.

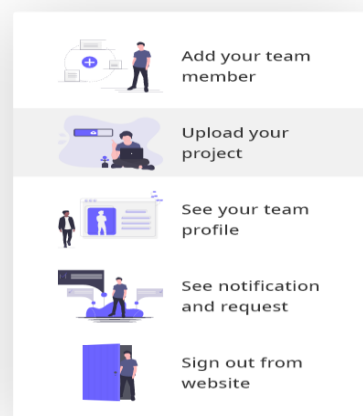
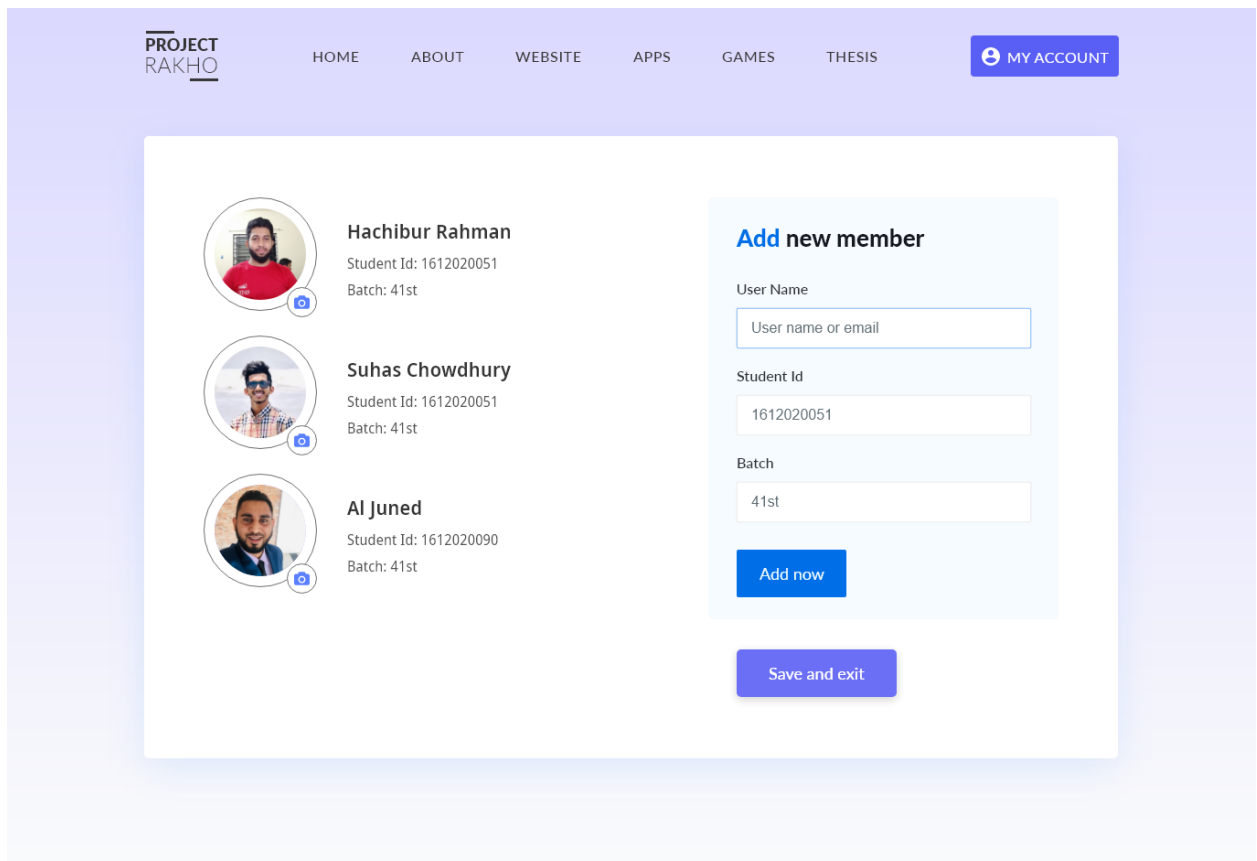


Fig: 4.8 Dropdown menu

Add team member:

After create account by any member of project team. They can add others team member in this website as their uploaded owner.



The screenshot shows the 'Add new member' interface within the PROJECT RAKHO application. The top navigation bar includes links for HOME, ABOUT, WEBSITE, APPS, GAMES, and THESIS, along with a MY ACCOUNT button. The main content area is divided into two sections. On the left, there is a list of existing team members, each with a circular profile picture, a name, a student ID, and a batch number. On the right, there is a form to add a new member, which includes input fields for User Name, Student Id, and Batch, followed by 'Add now' and 'Save and exit' buttons.

| Name | Student Id | Batch |
|-----------------|------------|-------|
| Hachibur Rahman | 1612020051 | 41st |
| Suhas Chowdhury | 1612020051 | 41st |
| Al Juned | 1612020090 | 41st |

Add new member

User Name

Student Id

Batch

Add now

Save and exit

Fig: 4.9 Add team member

Change Password:

After create account by any member of project team. They can change their account password when they need. Many time we need some security for secure our account so we give a page for change password.

The screenshot displays the 'PROJECT RAKHO' web application interface. The top navigation bar includes links for HOME, ABOUT, WEBSITE, APPS, GAMES, and THESIS, along with a 'MY ACCOUNT' button. The main content area is divided into two sections. On the left, a list of users is shown, each with a circular profile picture, a name, a student ID, and a batch number. On the right, a 'Change password' form is visible, featuring input fields for 'Current password' and 'New password', both masked with dots. Below these fields are 'Update' and 'Save and exit' buttons.

| User Name | Student Id | Batch |
|-----------------|------------|-------|
| Hachibur Rahman | 1612020051 | 41st |
| Suhas Chowdhury | 1612020051 | 41st |
| Al Juned | 1612020090 | 41st |

Change password

Current password
[Masked Password Field]

New password
[Masked Password Field]

Update

Save and exit

Fig: 4.10 Change Password

Team Profile:

After create account and upload project, by any chance if we see a wrong information put on registration page then we solve this problem by editing team profile info.

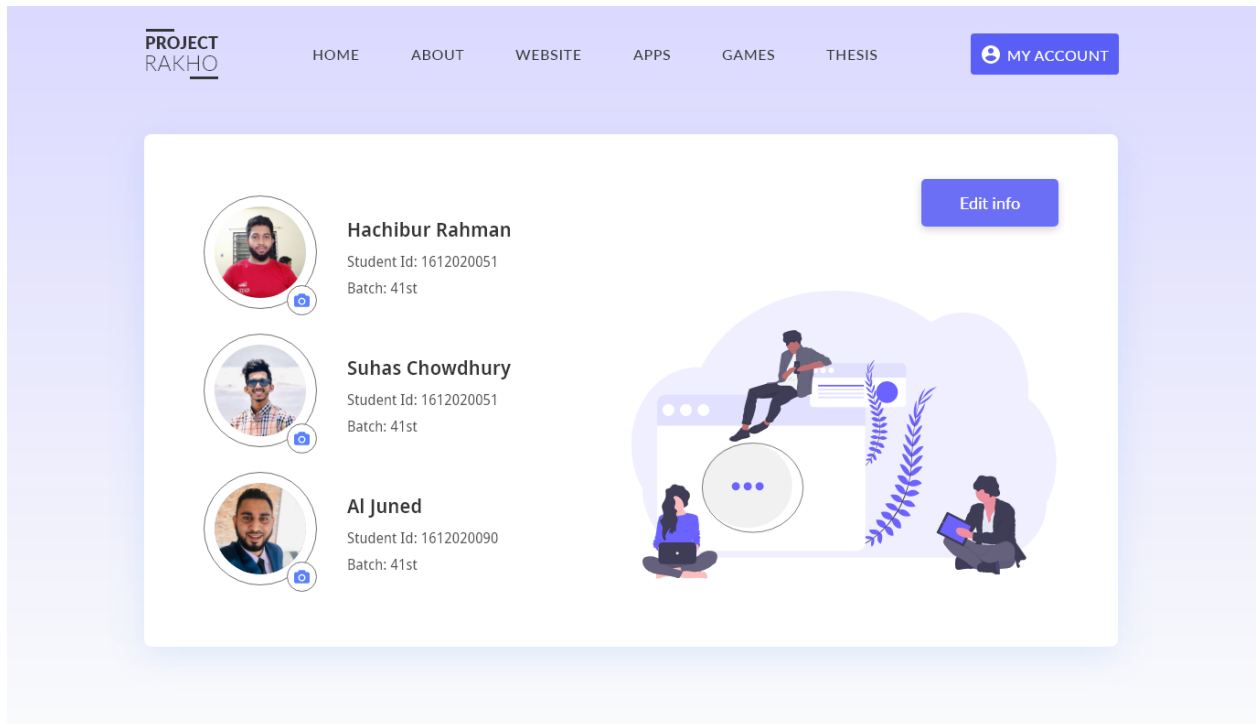


Fig: 4.11 Team Profile

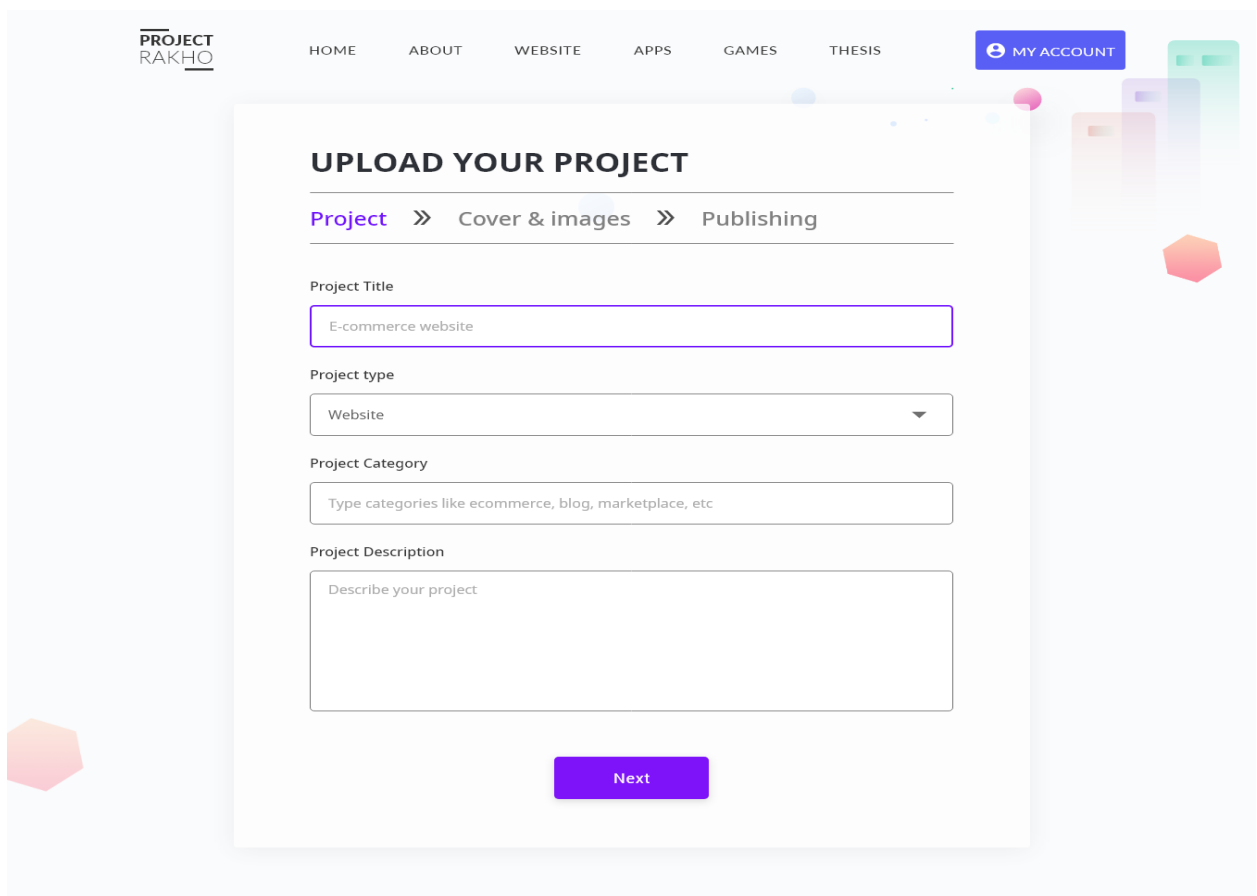
4.4 UPLOAD PROJECT:

In our website maintain three step requirements to publish any project for store in our website. These are given below

1. Provide Project info
2. Set cover image
3. Publish

Provide Project info:

Put all information about project when project owner want to upload their project then those are follow this step and give valid information.



The screenshot shows the 'PROJECT RAKHO' website with a navigation bar containing links for HOME, ABOUT, WEBSITE, APPS, GAMES, and THESIS. A 'MY ACCOUNT' button is located in the top right corner. The main content area is titled 'UPLOAD YOUR PROJECT' and features a progress indicator with three steps: 'Project' (active), 'Cover & images', and 'Publishing'. The form includes the following fields:

- Project Title:** A text input field containing 'E-commerce website'.
- Project type:** A dropdown menu with 'Website' selected.
- Project Category:** A text input field with placeholder text 'Type categories like ecommerce, blog, marketplace, etc'.
- Project Description:** A large text area with placeholder text 'Describe your project'.

A purple 'Next' button is positioned at the bottom of the form.

Fig: 4.12 Upload Project

Set cover image:

Set cover image of project

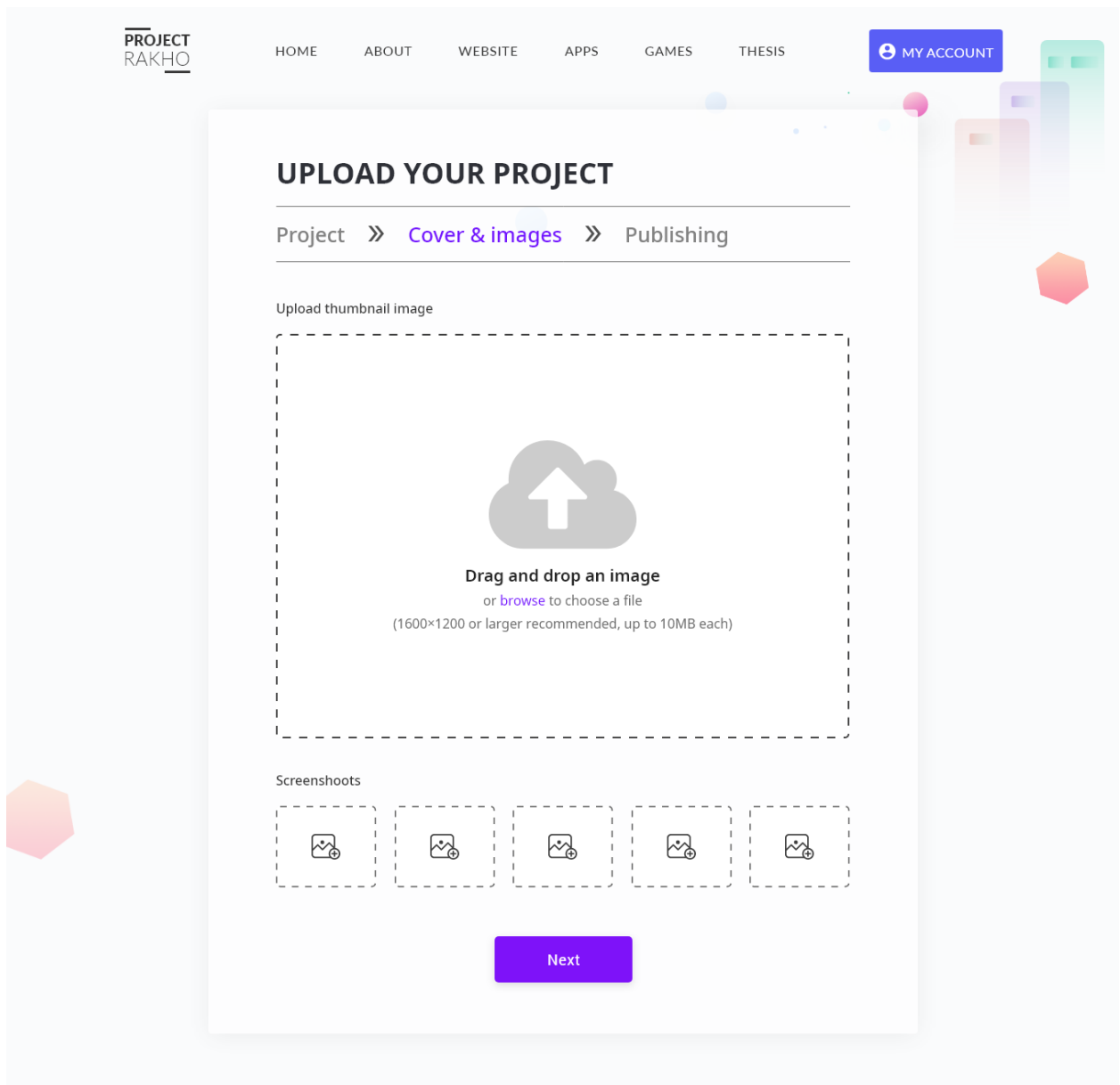


Fig: 4.13 Cover Photo

Publish:

Finally, after putting data into previous two step owner publish their project by clicking Publish button.

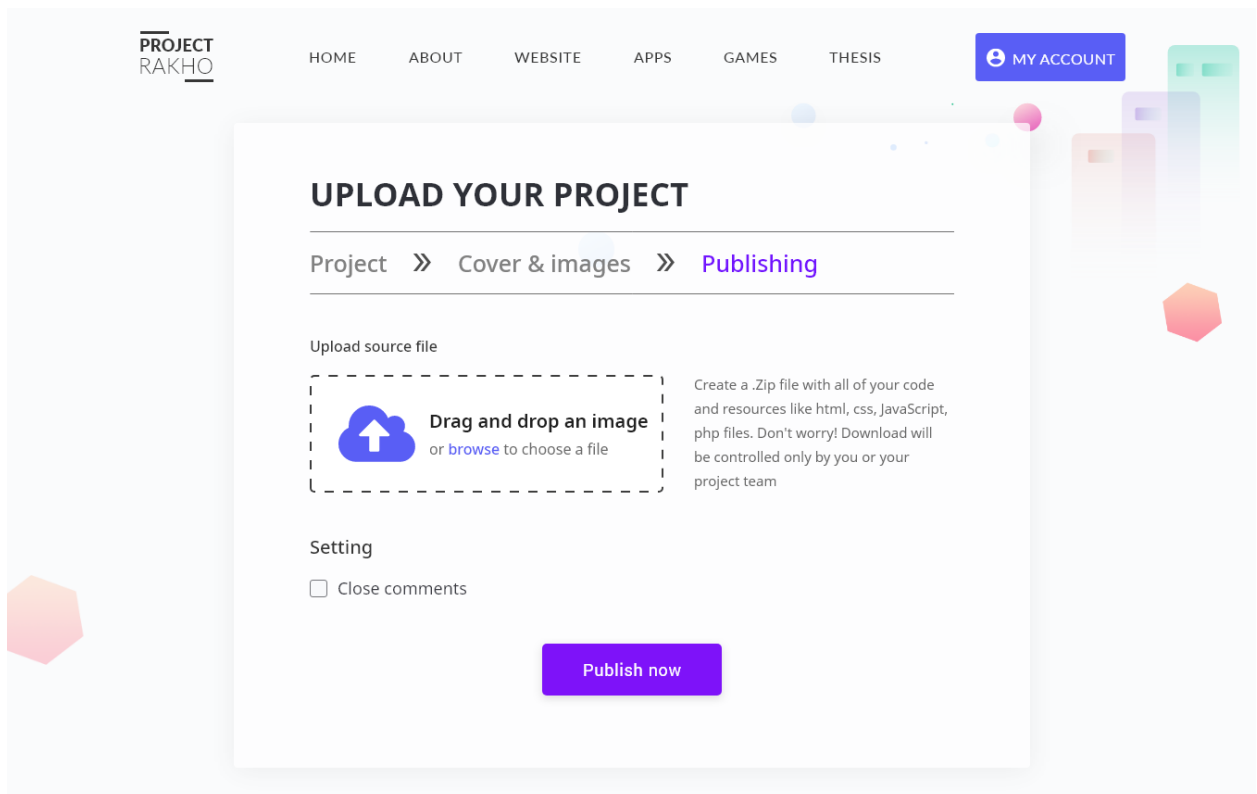


Fig: 4.14 Publish Project

View all Products:

When many different types of project uploaded by different project owner, those are project upload in this site and layout look like this page.

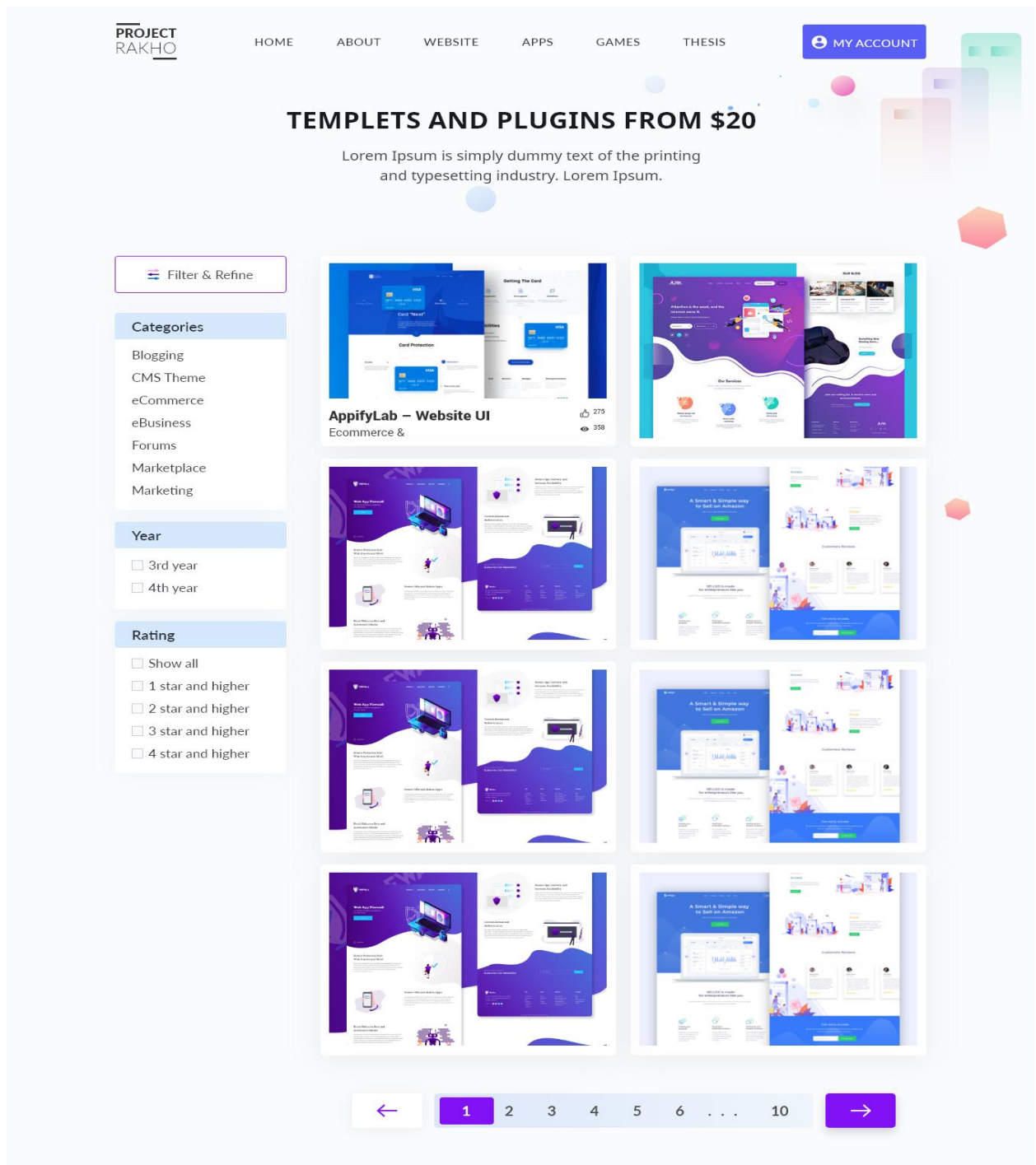


Fig: 4.15 View All products

Product description:

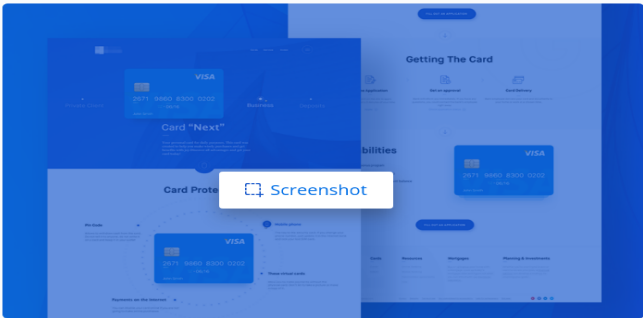
It is a most effective page because this is project description page. In this page contain all information about project and also has source code and project preview option

PROJECT
RAKHO

HOMEABOUTWEBSITEAPPSGAMESTHESES

MY ACCOUNT

Ecommerce website template



Screenshot

DescriptionReview

About this product

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humor.

Fetures

- Fully responsive and mobile ready
- Unlimited Color and Typography options
- Fully Customizable every element
- Cross Browser Compatible.
- 17 Page Templates

Workflow (Tools)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

Theme Support

Front comes with 6 months free support. We try our very best to offer the most excellent support, and we always try everything within our power to assist our valued customers. It is worth to mention that our support mainly covers all design issues that one might encounter in addition to frontend-related issues as long as it is not complete customized work.

FAQ

Ask a question here?

▼

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s

Ask an another question here?

▲

Have Source Code

Rating (3.0) 25
★★★★☆
Get source code

Reviewed by the Bootstrap team

6 months technical support

100% money back guarantee

Live preview

Request for code

Upload20 May 2019


Last Update3 June 2019

ResulationHigh


LayoutResponsive

CategoriesBusiness website


Project Team



Hachibur Rahman
Student Id: 1612020051
Batch: 41st



Suhas Chowdhury
Student Id: 1612020053
Batch: 41st



Al Juned
Student Id: 1612020090
Batch: 41st

Fig: 4.16 Product Description

Page | 39

Product review:

It is project review page. When any user sees this project and download source code of this page. If they feel this project is good and valuable for them then they can give review against this website.

The screenshot displays the Project Rakho website interface. At the top, there is a navigation bar with links for HOME, ABOUT, WEBSITE, APPS, GAMES, and THESIS, along with a MY ACCOUNT button. The main heading is 'Ecommerce website template'. Below this, there is a large image of the template with a 'Screenshot' overlay. To the right of the image, there is a section titled 'Have Source Code' with a rating of 3.0, 25 reviews, and a 'Get source code' button. Below this, there are three bullet points: 'Reviewed by the Bootstrap team', '6 months technical support', and '100% money back guarantee'. There are also buttons for 'Live preview' and 'Request for code'. Below the image, there is a 'Description' and 'Review' tab. The 'Review' tab is active, showing a 'Review And Comment' section with a rating form and a comment box. Below this, there are four customer reviews, each with a profile picture, name, rating, and comment. At the bottom, there is a 'See more review' button. On the right side, there is a 'Project Team' section with three team members: Hachibur Rahman, Suhas Chowdhury, and Al Juned, each with a profile picture, name, student ID, and batch number.

PROJECT RAKHO HOME ABOUT WEBSITE APPS GAMES THESIS MY ACCOUNT

Ecommerce website template

Have Source Code

Rating (3.0) 25 Get source code

- Reviewed by the Bootstrap team
- 6 months technical support
- 100% money back guarantee

[Live preview](#)

[Request for code](#)

Description **Review**

Review And Comment

Your rating ☆☆☆☆☆

Type your comment

Write a comment [Comment](#)

Customer name Rating ☆☆☆☆☆ 12 April 2019
Very good product. Lorem Ipsum is . . .

Customer name Rating ☆☆☆☆☆ 12 April 2019
Very good product. Lorem Ipsum is . . .

Customer name Rating ☆☆☆☆☆ 12 April 2019
Very good product. Lorem Ipsum is . . .

Customer name Rating ☆☆☆☆☆ 12 April 2019
Very good product. Lorem Ipsum is . . .

[See more review](#)

Project Team

Hachibur Rahman
Student Id: 1612020051
Batch: 41st

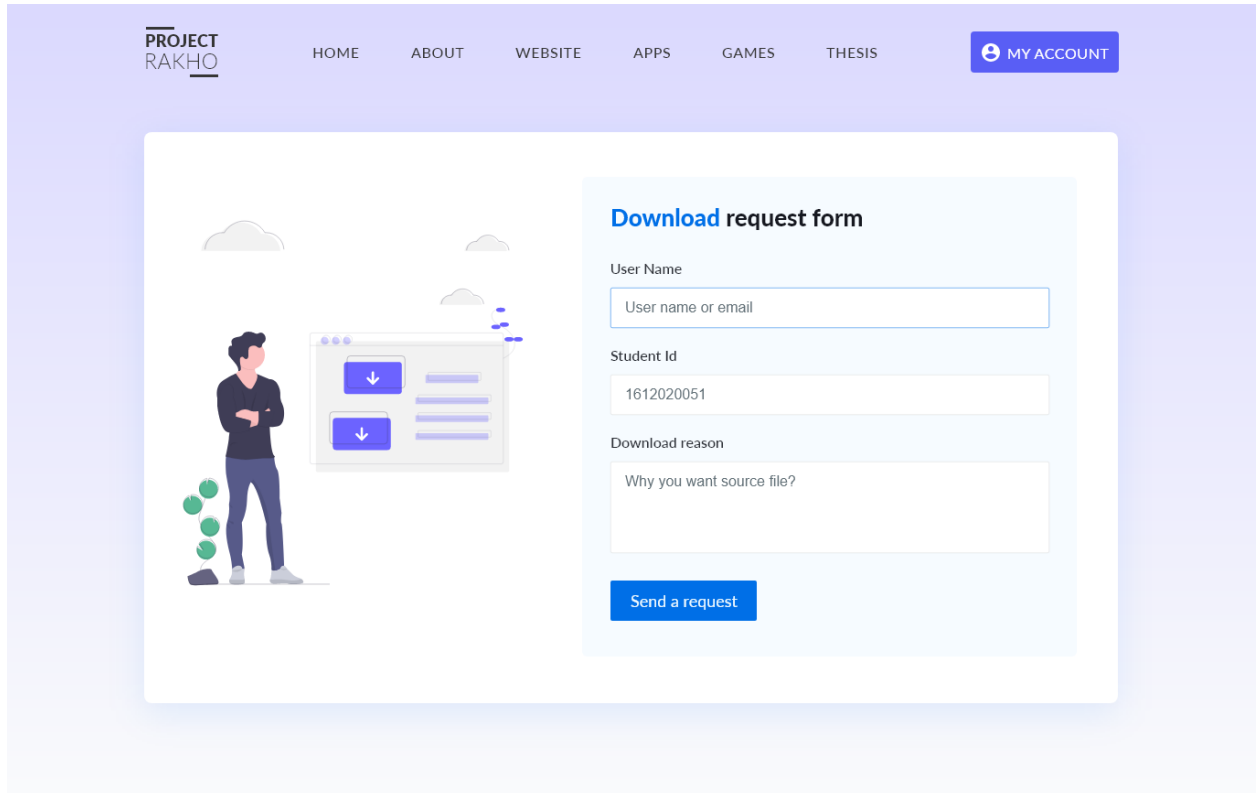
Suhas Chowdhury
Student Id: 1612020053
Batch: 41st

Al Juned
Student Id: 1612020090
Batch: 41st

Fig: 4.17 Product Review

4.5 VALIDATION REQUEST FORM

After see many project, if user think once or many projects are relevant to their upcoming project then they can send download request to project owner by fill-up this page.



The screenshot shows the 'Download request form' on the Project Rakho website. The form is located on the right side of a white card, which also features an illustration of a person standing next to a computer monitor displaying download icons. The form includes the following fields:

- User Name:** A text input field with the placeholder text 'User name or email'.
- Student Id:** A text input field containing the value '1612020051'.
- Download reason:** A text area with the placeholder text 'Why you want source file?'.
- Send a request:** A blue button at the bottom of the form.

The website's navigation bar at the top includes the 'PROJECT RAKHO' logo, links for 'HOME', 'ABOUT', 'WEBSITE', 'APPS', 'GAMES', and 'THESIS', and a 'MY ACCOUNT' button with a user icon.

Fig: 4.18 Request form

Notification:

It is notification page when a user send request for download source code then all notification show in this page

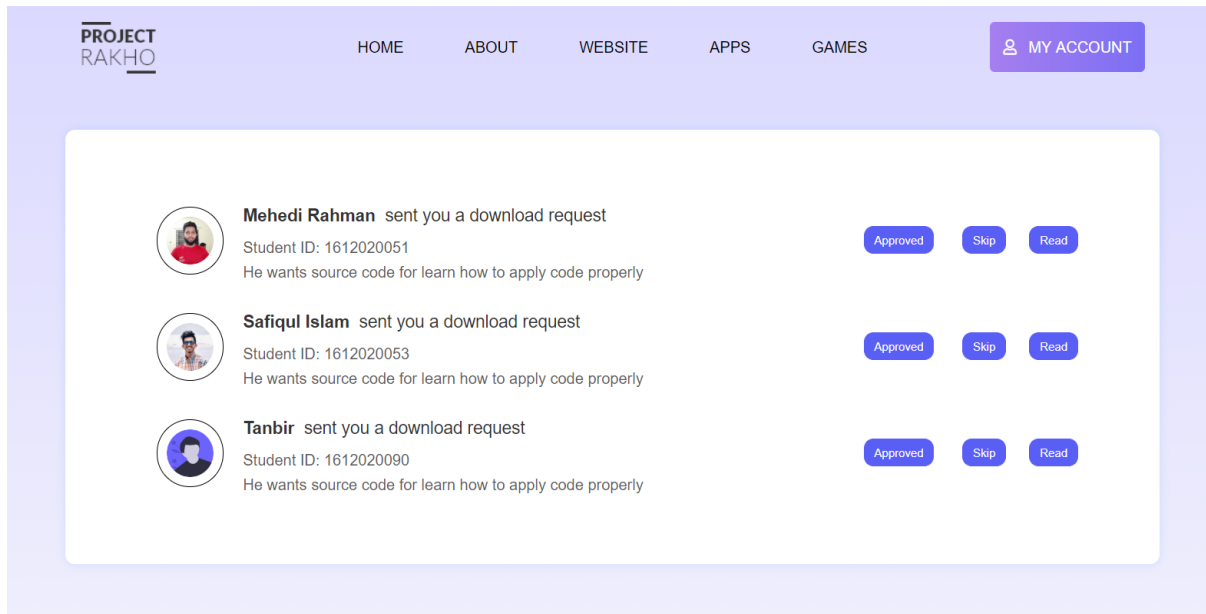


Fig: 4.19 Notification page

CHAPTER 5

TESTING & ANALYSIS

TESTING & ANALYSIS

5.1 TESTING

Testing is very important for any project. Its highly requirement for any website or project before publishing it. If we publish website without testing, most probably it will contain many errors. So, for increase efficiency we were tested our website many time.

5.2 LEVELS OF TESTING

In order to uncover the errors, remove bugs in this website we have to do different type of system for ensure that our website work properly.

1. Functionality testing
2. Usability testing
3. Interface testing
4. Database testing
5. Compatibility testing
6. Performance testing

Functionality Testing

- Test all links in our webpages are working correctly and make sure there are no broken links.
- Test Forms are working as expected.
- Test Cookies are working as expected.
- Test HTML and CSS to ensure that search engines can crawl one's site easily.

Usability Testing:

- Menus, buttons or Links to different pages on one's site should be easily visible and consistent on all web pages.
- Content should be legible with no spelling or grammatical errors.
- Images that are present have contain an "alt" text.

-

Interface Testing:

Two areas to be tested here are - Web and Database Server

- Web Server: Test Web server is handling all application requests without any service denial.
- Database Server: Make sure queries sent to the database give expected results. Test system response when connection between the two layers (Web and Database) cannot be established and appropriate message is shown to the end user.

Database Testing:

Database is one critical component of any web application and stress must be laid to test it thoroughly. Testing activities will include-

- Test if any errors are shown while executing queries.
- Data Integrity is maintained while creating, updating or deleting data in database.

Compatibility Testing:

Compatibility tests ensure that web application displays correctly across different devices. This would include-

- Browser Compatibility Test: Same website in different browsers will display differently. You need to test if your web application is being displayed correctly across browsers, JavaScript, and authentication is working fine.

Performance Testing:

This will ensure a site works under all loads. Software testing activities will include but not limited to

- Website application response times at different connection speeds.
- Load test our web application to determine its behavior under normal and peak loads.

- Test if a crash occurs due to peak load, how the site recovers from such an event.
- Make sure optimization techniques like zip compression, browser and server-side cache enabled to reduce load times

5.3 TESTING ANALYSIS

Throughout the development of this website, we tested various functions numerous times and were faced with several errors. Such as:

- The verification system would not work when the user would submit request for approval and verification separately. But after debugging it was solved.
- When we integrated the search form categories slide bar the filtering would not work.
- Numerous errors occurred when implementing paging.

CHAPTER 6

SECURITY

SECURITY

6.1 SECURITY

Security measures are an important part of any software system. We need make sure so that some parts of the data are available to the masses and some parts should remain only accessible to the administrators. It is important that data can be manipulated by only designated personals.

In our website we have provided an authentication system that allows users to submit or manipulated their submitted data as they wish. Download request will need to be approved by the project owner. Project owner can delete or approve any request they want.

The verification system provides the reliability of the access provided in an add which is also controlled by the owner. Every user can access by their valid because we remain a unique id in our database.

CHAPTER 7

FUTURE PLAN

&

CONCLUSION

FUTURE PLAN & CONCLUSION

7.1 FUTURE PLAN

This is a project that has many functionalities. It's an idea that has a lot of scope to improve project quality. We want to nationalize and propagate this system so that a large number of running students can get more opportunities from this website.

We have made this website which is only for CSE department students of leading university but we want to widen the range of our database for all students.

Even we will want to add more features:

- Add more security.
- Add project owner verification for access.
- Broad for University all students.
- Improving downloading method.

7.2 CONCLUSION

The main goal of make this project to help our running students. We tried our best to put out a project that reflects upon our hard work and what we have learned as students of this institution. We have managed to carry out all the proposed functionalities that we proposed at the beginning of the project to the best of our capabilities. Even though there are many features in this site we want to add more.

Hopefully in the near future we will be able to accomplish all these features and effective functionalities.

CHAPTER 8

APPENDIX

APPENDIX

8.1 REFERENCE

1. HTML 2019. Page on w3schools.com website. Accessed on 10th September. Retrieved from <https://www.w3schools.com/html/default.asp>.
2. HTML5 2019. Page on w3schools.com website. Accessed on 15th September. Retrieved from https://www.w3schools.com/html/html5_intro.asp
3. CSS. 2019 page on Mozilla Developer website. Accessed on 20th September. Retrieved from <https://developer.mozilla.org/en-US/docs/Web/CSS>
4. CSS 2019. Page on w3schools.com website. Accessed on 22th September. Retrieved from <https://www.w3schools.com/css/default.asp>
5. CSS3 2019. Page on w3schools.com website. Accessed on 24th September. Retrieved from https://www.w3schools.com/css/css3_intro.asp
6. Bootstrap 2019. From getbootstrap.com website. Accessed on 30th September. Retrieved from <https://getbootstrap.com/docs/4.1/getting-started/introduction/>
7. Bootstrap 2019. From materialdashboard.com website. Accessed on 2nd October. Retrieved from <https://www.creative-tim.com/product/material-dashboard>
8. JavaScript 2019. From w3schools.com website. Accessed on 15th October. Retrieved from <https://www.w3schools.com/js/default.asp>
9. jQuery 2019, from api.jquery.com website. Accessed on 20th October. Retrieved from <https://api.jquery.com>
10. Vue.js 2019 from vuejs.org website. Accessed on 30th October. Retrieved from <https://vuejs.org/v2/guide/>
11. MySQL Page on mysql.com. Accessed on 5th November. Retrieved from <https://www.mysql.com>
12. PHP Page on php.net website. Accessed on 11th November. Retrieved from <http://php.net/docs.php>

13. PHP Page on w3schools.com website. Accessed on 11th November. Retrieved from <https://www.w3schools.com/php/default.asp>
14. Laravel 5.8 2019. Page on laravel.com website. Accessed on 19th November. Retrieved from <https://laravel.com/docs/5.7>
15. For problems. We watch tutorial on youtube.com. Accessed on whole project duration. Retrieved from <https://www.youtube.com/>
16. For problems. Page on Stack Overflow website. Accessed on whole project duration. Retrieved from <https://stackoverflow.com>