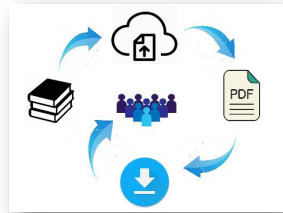# Web Based Application Development Project

CSE '16 Series

RUET Online Book and Class Notes Store

- **What is RUET Online Book and Class Notes Store ?**
- An online website where all the class lectures, books, routines of each and every semester of different departments of RUET can be found and downloaded.
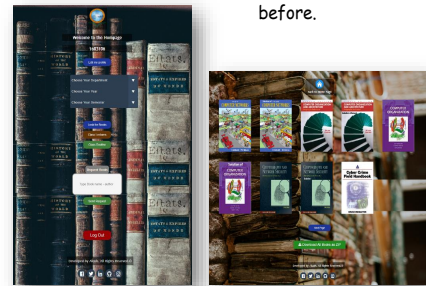
- **Equipments needed for the project**
  - ✓ Operating System (Windows 10)
  - ✓ Sublime Text as Editor
  - ✓ XAMPP as Hosting server
  - ✓ PHPMyAdmin for using Database
  - ✓ PHP, HTML, CSS,JavaScript etc as the programming languages for Coding and designing stuff.

- **Features and Interface of the Website**
  - ❖ Students can Signup with their student ID and other info and login with ID & password.
  - ❖ After login students can select the dept , year and semester and click "Look for Books".
  - ❖ In the next page, all the books of that corresponding semester will be available to download.
  - ❖ Student can download routine and class-notes as well. This will make the collection of books in each semester much more easier than before.
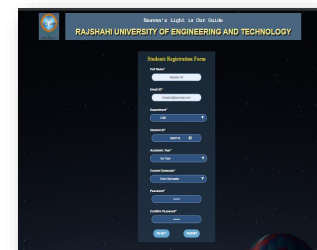
Md Shabir Khan Akash
1603108

RUET Online Admit Card Download System

What is RUET online admit card download system?
An online website where all the semester final examination admit card will be available to collect easily from anywhere any time within the period of time.
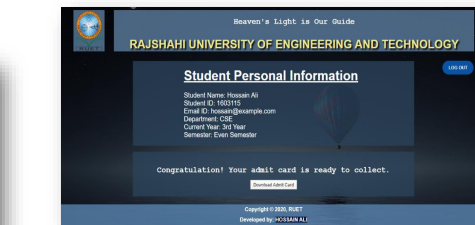
Equipment needed for the project:
- ✓ Operating System (Windows 10)
- ✓ Microsoft Visual Studio Code
- ✓ XAMPP as Hosting server
- ✓ MySQL for using Database
- ✓ Google Chrome Browser
- ✓ PHP, HTML, CSS etc. as the programming languages for Coding and designing stuff.

Features and Interface of the Website:
- ❖ Students can Signup with their student ID and other info and login with ID & password.
- ❖ After login students can visit their personal profile page.
- ❖ In their profile page they will gate a button to download their own admit card.
- ❖ After the download they can logout the session and left the page.

Hossain Ali
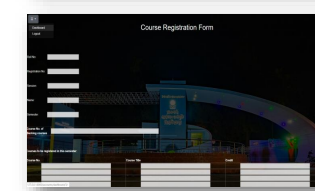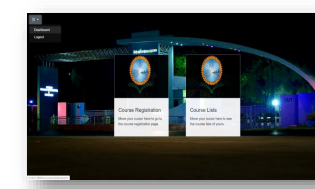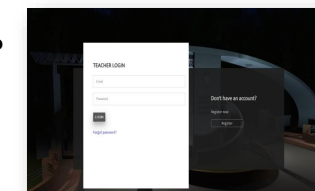1603115

Course Registration System

- **What is Course Registration System?**
An online system in which students can complete the whole course registration procedures through a website.
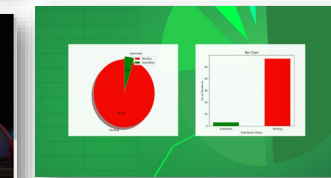
- **Equipment needed for the project**
  - ✓ Operating System (Windows 10)
  - ✓ Visual Studio Code as Editor
  - ✓ Django 2.0.2 as Web Framework
  - ✓ Postgresql for using Database
  - ✓ Python, HTML, CSS, JavaScript etc as the programming languages for Coding and designing stuff.

- **Features and Interface of the Website**
  - ❖ Students and Teachers can signup using their own information through a verification system.
  - ❖ After login students can select semester and complete the corresponding course registration form. They can also see the course lists of the semester.
  - ❖ After login teachers can view the registration forms submitted for a semester and verify them. They can also observe real-time graphical view (bar chart, pie chart) of the submissions of a class.
  - ❖ Student & Teacher both can apply for new password if they forget password. Applications will be verified through E-mail verification system. In summary, the whole course registration process will be performed much more efficiently than before.
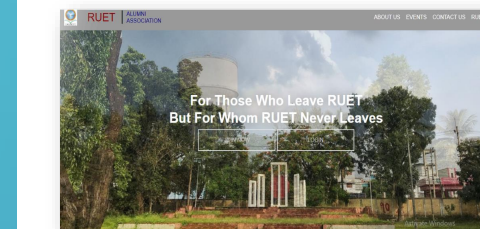
Risal Shahriar Shefin
1603081

RUET Alumni Association

- **What is RUET Alumni Association ?**
- RUET Alumni Association is a platform where all the former graduates of RUET and running batch students can save their identity and important information for the purpose of mutual communication, queries and bonding.

- **Equipments needed for the project**
  - ✓ Operating System (Windows 10)
  - ✓ Sublime Text as Editor
  - ✓ XAMPP as Hosting server
  - ✓ PHPMyAdmin for using Database
  - ✓ PHP, HTML, CSS,JavaScript etc as the programming languages for Coding and designing stuff.

- **Features of the RUET Alumni Association Website**
  - ❖ Our ex students of RUET can sign up by their name and password and join by using some specific information.
  - ❖ They can see the current events of RUET
  - ❖ If the students have any message to ask or to say about RUET they can leave it and admin of this website can see it.
  - ❖ They can contact directly to the authority and also can go to RUET website.
  - ❖ If the user want to see the newly joined teacher and if they want to find his seriesmate they can.

Zannatul Fedousee
1603060

Personal Portfolio Website

- **What is Personal Portfolio Website?**
A personal portfolio is an online treasure of an individual where one can display his work, details about himself, completed projects in the past and better explain to clients why they must use his services for their advantages.
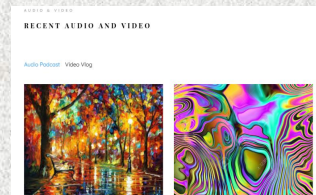
- **Equipment needed for the project**
  - ✓ Operating System(Windows 10)
  - ✓ HTML, CSS, JavaScript etc. as the programming languages for coding and designing stuff
  - ✓ Bootstrap

- **Features and Interfaces of the Website**
  - ❖ One can enter the website through a web browser.
  - ❖ The site includes different sections like about, services, skills, education, experience, past work etc.
  - ❖ It has audio podcast and video vlogs too.
  - ❖ It also includes contact section to contact with the owner though email and contact number.
  - ❖ It also includes links of the social sites(like facebook,linkedin etc.) of the owner.
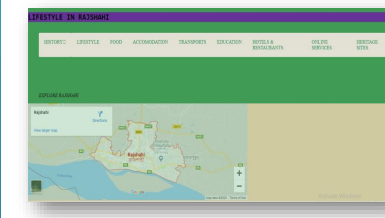
Syed Siddique Mridul || Roll: 1603016
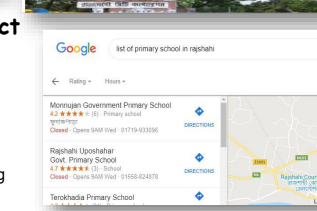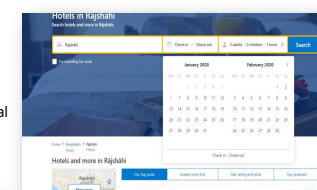
Project Rajshahi:

- **What is this project about ?**
This is an website where you can find all the information about rajshahi. From booking a hotel to all the traditional food of rajshahi everything is here.You can explore the Whole rajshahi through this page.

- **Equipment needed for the project**
  - ✓ Operating System (Windows 10)
  - ✓ Visual Studio Code as Editor
  - ✓ Django 2.0.2 as Web Framework
  - ✓ HTML, CSS, JavaScript etc as the programming languages for Coding and designing stuff.

- **Features and Interface of the Website**
  - ❖ People want to visit rajshahi can have a look and will be easier for them to explore this city.
  - ❖ Local people can get all the info here.
  - ❖ Tourist can visit this page and know about the famous places , traditional food of rajshahi.
  - ❖ Anyone can geolocate places in rajshahi.
  - ❖ Know about educational places in rajshahi.

Zarin Rafa Prapti
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HALL MEAL SYSTEM, RUET
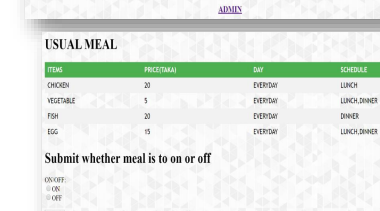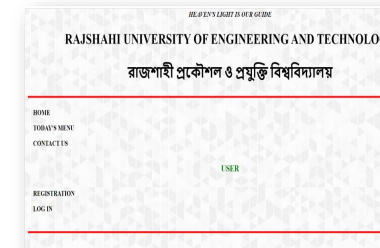
- **What is online hall meal system?**
- An online website where every day meal, bill and payment of every student of RUET can be found.

- **Equipments needed for the project**
  - ✓ Operating System (Windows 10)
  - ✓ Microsoft Visual Studio Code
  - ✓ XAMPP as Hosting server
  - ✓ MySQL for using Database
  - ✓ Google Chrome Browser
  - ✓ PHP, HTML, CSS etc. as the programming languages for Coding and designing stuff.

- **Features and Interface of the website**
  - • Students can sign up with their student ID and can log in with their ID and Password After log in they can on or off their meal system.
  - • They also can see their every day charge for meal.
  - • Admin can see the students log in information and can also see the details of students whether their meal is on or off.

GM MEHRAB HOSSEN
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Project Supervisor

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Evolutionary Algorithms
Machine Learning
Artificial Intelligence

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