

## Project Name – Digital Data Repository

This project focuses on improving the management of department in a colleges or schools.

### Language used

- Java
- Php

### Tools/Platform Used

- > Android Studio
- > Xampp
- > Postman
- > Sublime Text

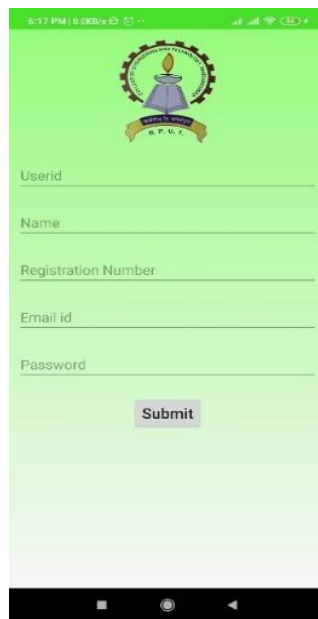
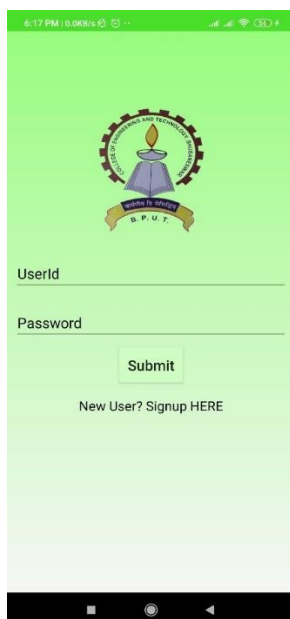
### Database

- My Sql to store data
- Firebase to store resources

### Features

- Allows checking the availability of resource's in Repository.
- Allows user to have one-time login using username and password.
- The user can access the previous year question papers of different schemes.
- The user can download the lecturer notes for every subject in a semester.
- The user can download lab manuals for the respective laboratory subjects.
- The user can download a e- resources of various authors.
- User can download all the study materials and view them offline.
- Provide additional flexibility and convenience to the Repository users.
- The availability of information at any time in any place.

### Output screen



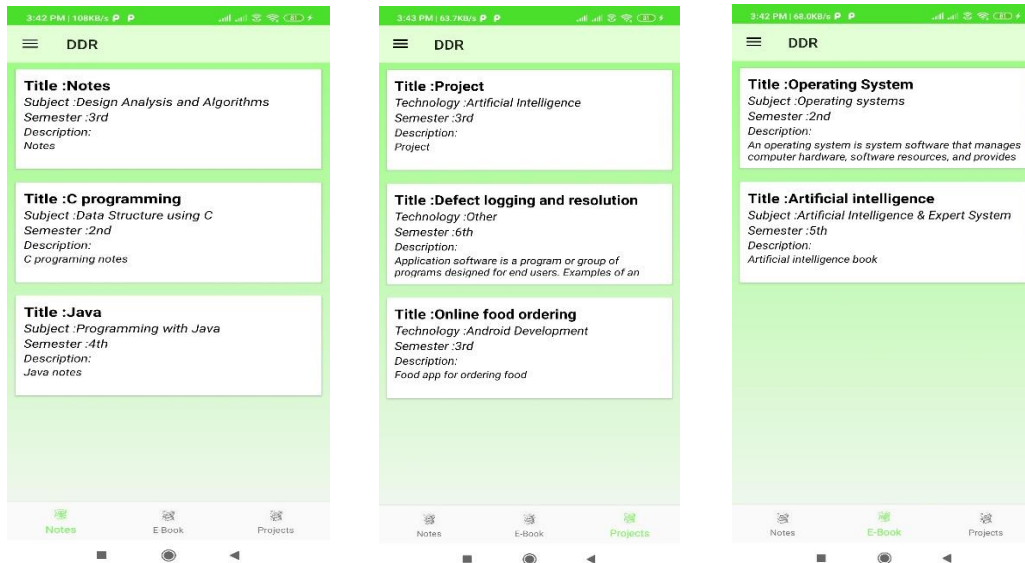
#### Login Screen

- User enters user id and password
- Verify user data from database
- If data is correct than data will stored in SharedPreferences and used for one time login.

#### Sign up screen

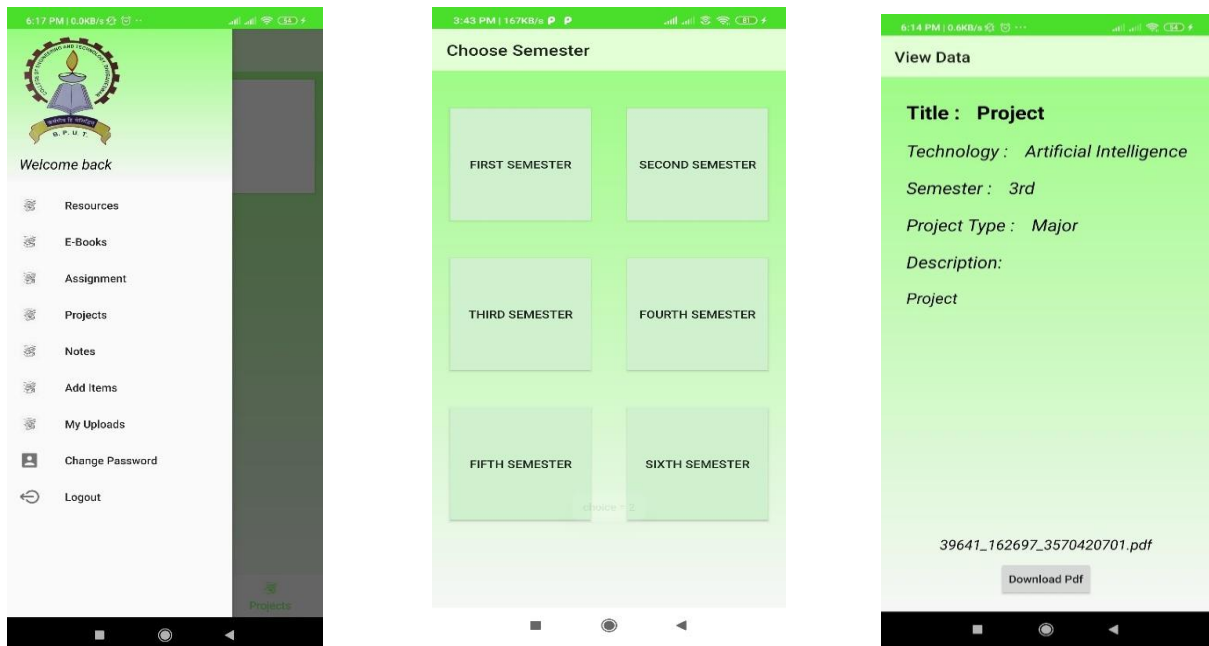
- Collect data from user and verify the data id data is valid then accept the data.

## Home screen



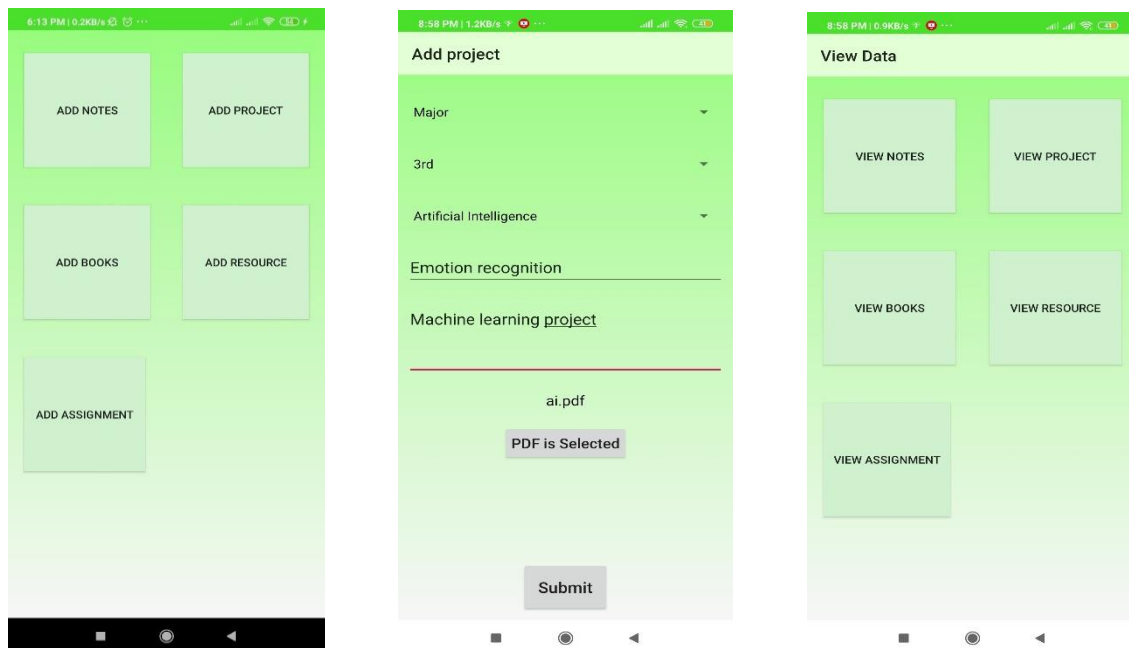
- Home activity contains bottom navigation bar which has 3 options Notes,E-Book,Projects
- The data is fetched from Sql database that is stored in LocalHost

## Menu



- If the user type is teacher then only he can upload the data or resources and can view their uploads.
- User can view books , projects, assignment according to their semester and can download the softcopy of the project ( Stored in firebase )

## Adding and view uploaded Data



- The teachers can upload the notes, projects, etc the data is stored in the local host and the softcopy is stored in the firebase storage and the link of that file is stored in SQL database.
- Teachers can view their upload according to the type and the semester.

## Sample API Code

```
C:\xampp\htdocs\Android\v1\AddBook.php - (htdocs) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  htdocs
    Android
      includes
        constraints.php
        DbConnect.php
        DbOperations.php
      v1
        AddAss.php
        AddBook.php
        Addnote.php
        Addproject.php
        AddResource.php
        changePass.php
        RegisterUser.php
        SemResultAss.php
        SemResultBook.php
        SemResultnotes.php
        SemResultProject.php
        SemResultRes.php
        UserLogin.php
        viewbooks.php
        ViewNotes.php
        viewproject.php
    dashboard
    egroceries
    img
    tms
    webalizer
    xampp
  applications.html
  bitnamicss
  favicon.ico
  Line 13, Column 14

AddBook.php
1 <?php
2 require_once '../includes/DbOperations.php';
3 $response = array();
4 if($_SERVER['REQUEST_METHOD'] == 'POST')
5 {
6
7     $db = new DbOperations();
8     if(isset($_POST['userid']) and isset($_POST['title']) and isset($_POST['author']) and isset($_POST['semester']) and isset($_POST['subject']) and isset($_POST['description']) and isset($_POST['version']) and isset($_POST['pdf'])){
9         $result = $db->addbook($_POST['userid'],$_POST['title'],$_POST['author'],$_POST['semester'],$_POST['subject'],$_POST['description'],$_POST['version'],$_POST['pdf']);
10        if($result){
11            $response['error'] = false ;
12            $response['message'] = 'Data Entered Successfully';
13        }
14        else{
15            $response['error'] = true ;
16            $response['message'] = 'Some Error Happened';
17        }
18    }
19    else{
20        $response['error'] = true ;
21        $response['message'] = 'Feild Missing';
22    }
23 }
24 else
25 {
26     $response['error'] = true ;
27     $response['message'] = 'Invalid Request';
28 }
29 echo json_encode($response);
```