

C:DRIVE Project Report

Contents

Project Introduction.....	2
Project Scope.....	3
Project Explanation (Technologies used)	3
Output Screenshots (3 from frontend, 3 from backend)	4
Conclusion(Hosting details).....	9

Project Introduction

CDrive is an online collaborative space where students and teachers can contribute to an organized, managed, and supervised resource environment for both. This shared space can be used to organize course material for involved parties. To further aid resource management, teachers can verify course content to make them available to students. To help mitigate chaos and to allow discussions on topics, CDrive also features a forum to facilitate communication between all users.

The major features include:

1. Register and login functionality.
2. Two types of users namely student and teacher.
3. Variety of streams namely computer science, mechanical etc.
4. Users can view all the files uploaded by their classmates and teachers.
5. User can upload their own files/notes on the portal and once approved by the admin can be visible to all other users.
6. User can create his own profile having bio and profile image at the same time view the profile of the user that has uploaded the file.
7. User can easily update the profile including his username, password, profile picture and variety of other things.
8. User can ask query regarding a particular file and can view all the queries for that particular file.
9. User can view all the answer to a particular query and also answer a query.
10. Teachers need no approval for uploading the notes. Teachers have all the other features as mentioned above.
11. Admin can view all the files, approve files, delete any user, delete any query or delete any answer.

Consequently, CDrive has an edge over other platforms where only one party might have contributing rights or where there is a lack of forums to discuss germane details.

Project Scope

CDrive has superlative potential in all domains which feature a sharable resource space. In the academic domain, however, owing to CDrive's organised and supervised collaboration, it can have exceptionally prolific enterprise. In any college environment, where there is a multitude of subjects, all of which require to be organised to best help a student's efforts, CDrive can be easily scaled and used to suit the need of different academic environments.

Project Explanation (Technologies used)

The primary technologies being used for the creation of the project are HTML, CSS, Bootstrap, and JavaScript for frontend and PHP for backend. The database being used is MySQL.

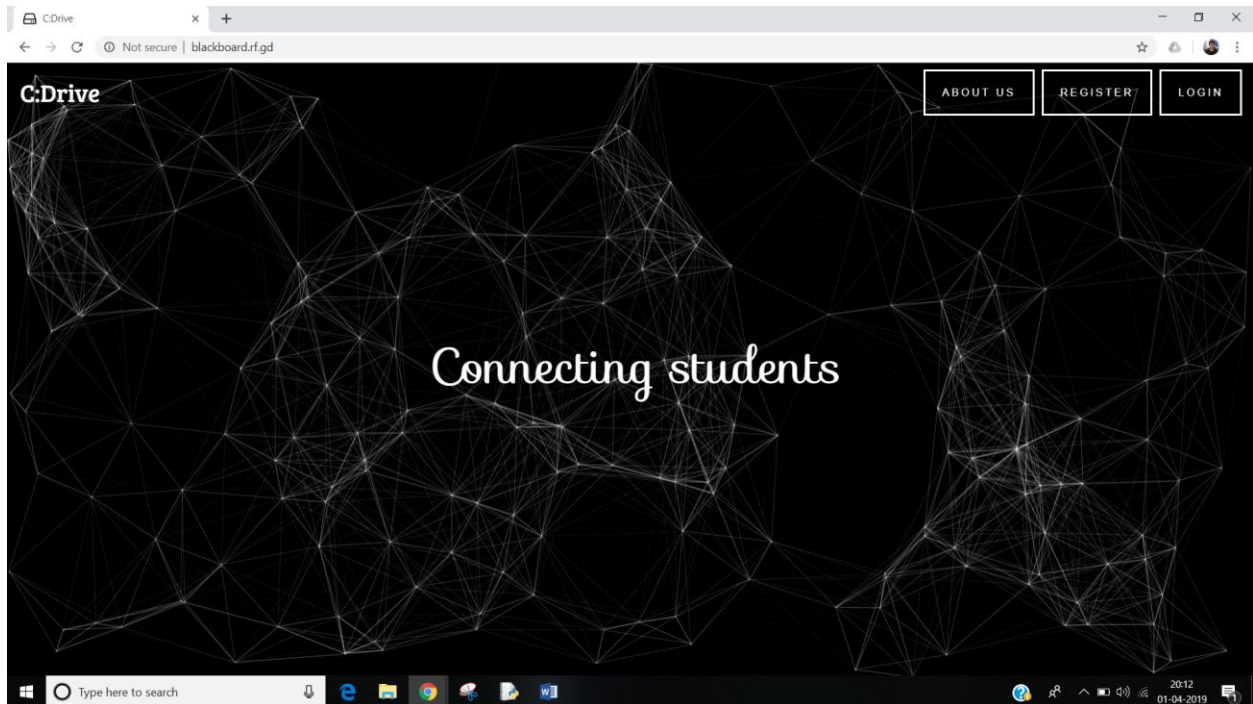
Bootstrap template is used for admin and user dashboard which is then customized by custom CSS.

Particles.js is used to provide the visual particles effect on the homepage.

GUMP which is a standalone data validation and filtering class is used to validate and clean the input data from the user.

Output Screenshots (3 from frontend, 3 from backend)

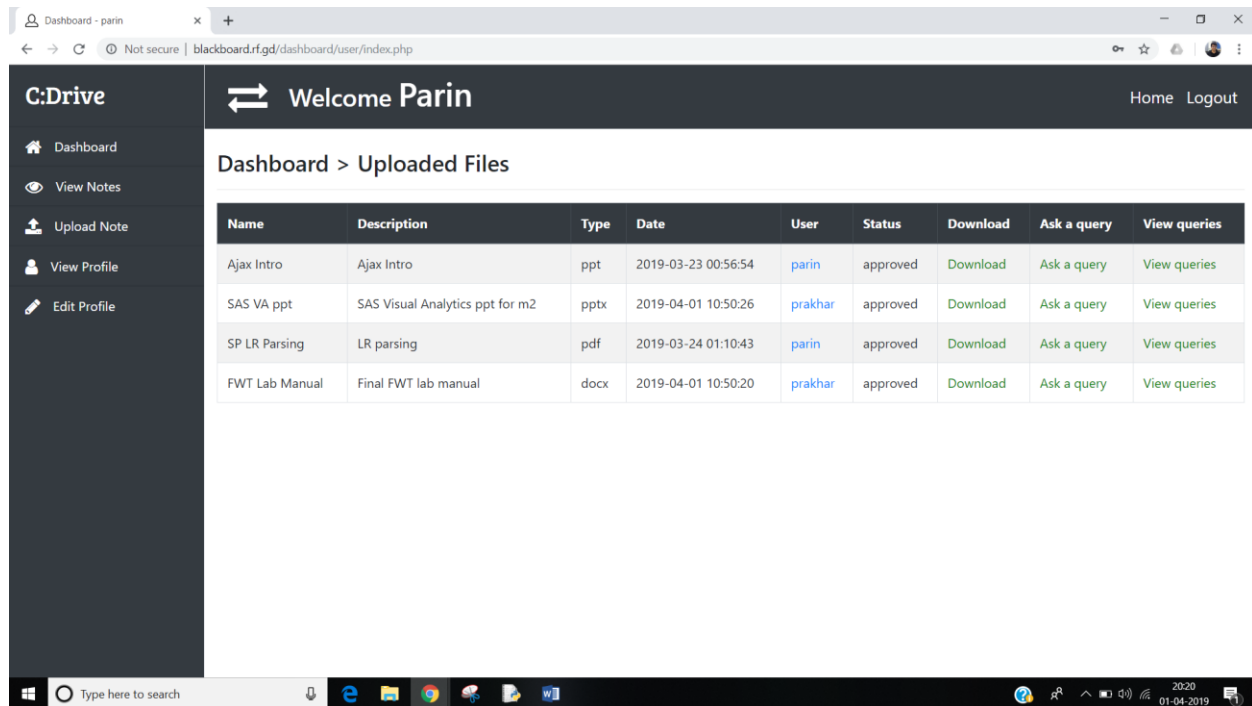
Homepage



Register Page

A screenshot of the registration page on 'C:Drive'. The browser address bar shows 'blackboard.rf.gd/signup.php'. The page has a dark header with 'C:Drive' on the left and 'About Us', 'Register', and 'Login' on the right. The main content area is split into two sections. On the left, a dark grey box contains an icon of a document with a magnifying glass, the word 'Registration' in bold, and the text 'Register as a student or a teacher to be able to collaborate and help us make this community stronger!'. On the right, a white box titled 'Please fill with your details' contains a registration form with the following fields: 'Name', 'Email Id', 'Username', 'Gender' (a dropdown menu), 'Password', 'Confirm Password', 'I am a' (a dropdown menu), and 'I teach/study' (a dropdown menu). A 'Submit' button is at the bottom of the form. The footer of the page says 'Copyright © C:Drive'.

User Dashboard (all the files uploaded by all the users can be viewed here)

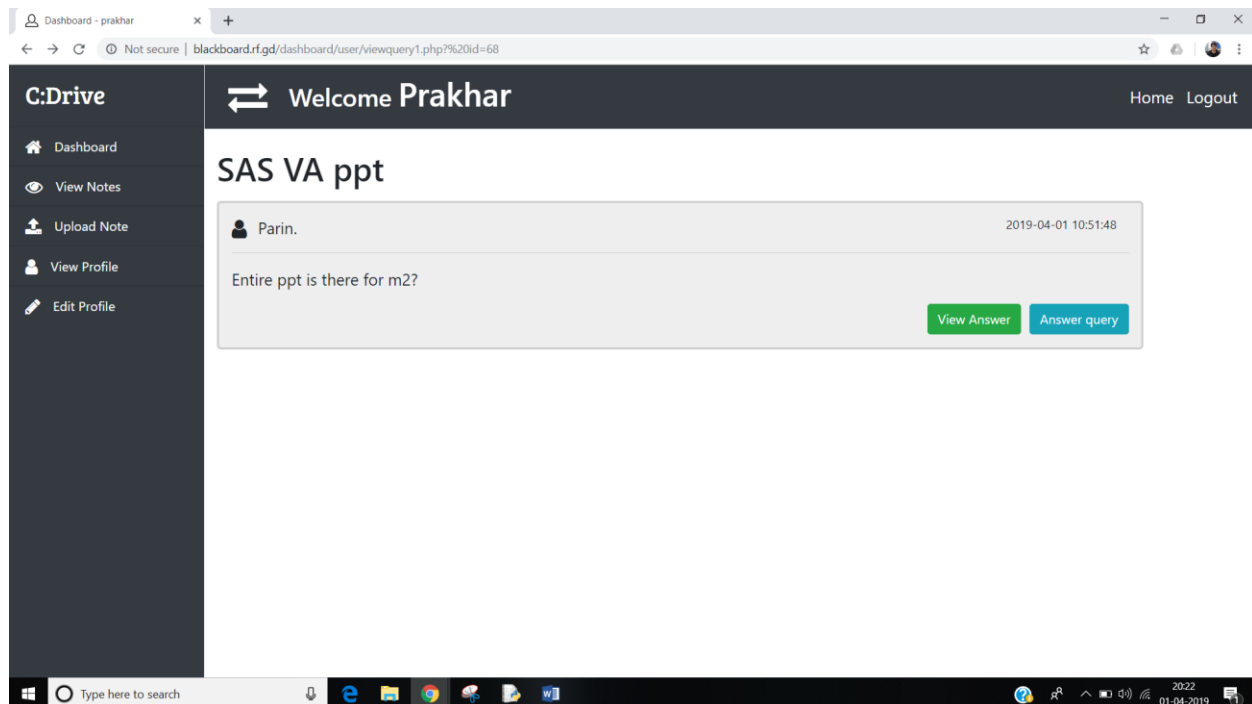


The screenshot shows a web browser window with the URL `blackboard.rf.gd/dashboard/user/index.php`. The page has a dark sidebar on the left with the 'C:Drive' logo and navigation links: Dashboard, View Notes, Upload Note, View Profile, and Edit Profile. The main content area has a header 'Welcome Parin' with 'Home' and 'Logout' links. Below the header, it says 'Dashboard > Uploaded Files'. A table lists four uploaded files:

Name	Description	Type	Date	User	Status	Download	Ask a query	View queries
Ajax Intro	Ajax Intro	ppt	2019-03-23 00:56:54	parin	approved	Download	Ask a query	View queries
SAS VA ppt	SAS Visual Analytics ppt for m2	pptx	2019-04-01 10:50:26	prakhar	approved	Download	Ask a query	View queries
SP LR Parsing	LR parsing	pdf	2019-03-24 01:10:43	parin	approved	Download	Ask a query	View queries
FWT Lab Manual	Final FWT lab manual	docx	2019-04-01 10:50:20	prakhar	approved	Download	Ask a query	View queries

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates the date is 01-04-2019 and the time is 20:20.

Query page (user can ask and answer queries)

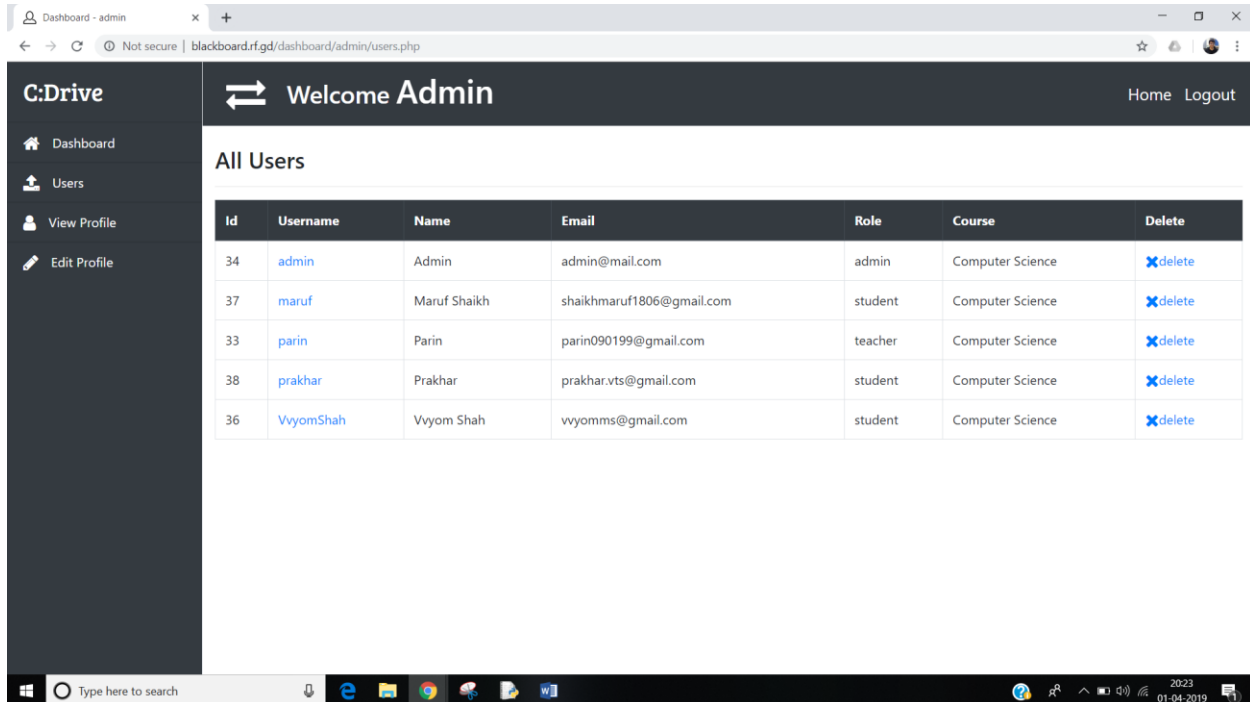


The screenshot shows a web browser window with the URL `blackboard.rf.gd/dashboard/user/viewquery1.php?%20id=68`. The page has a dark sidebar on the left with the 'C:Drive' logo and navigation links: Dashboard, View Notes, Upload Note, View Profile, and Edit Profile. The main content area has a header 'Welcome Prakhar' with 'Home' and 'Logout' links. Below the header, it says 'SAS VA ppt'. A query card is displayed with the following details:

- User: [Parin.](#)
- Timestamp: 2019-04-01 10:51:48
- Query text: Entire ppt is there for m2?
- Buttons: [View Answer](#) (green) and [Answer query](#) (blue)

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates the date is 01-04-2019 and the time is 20:22.

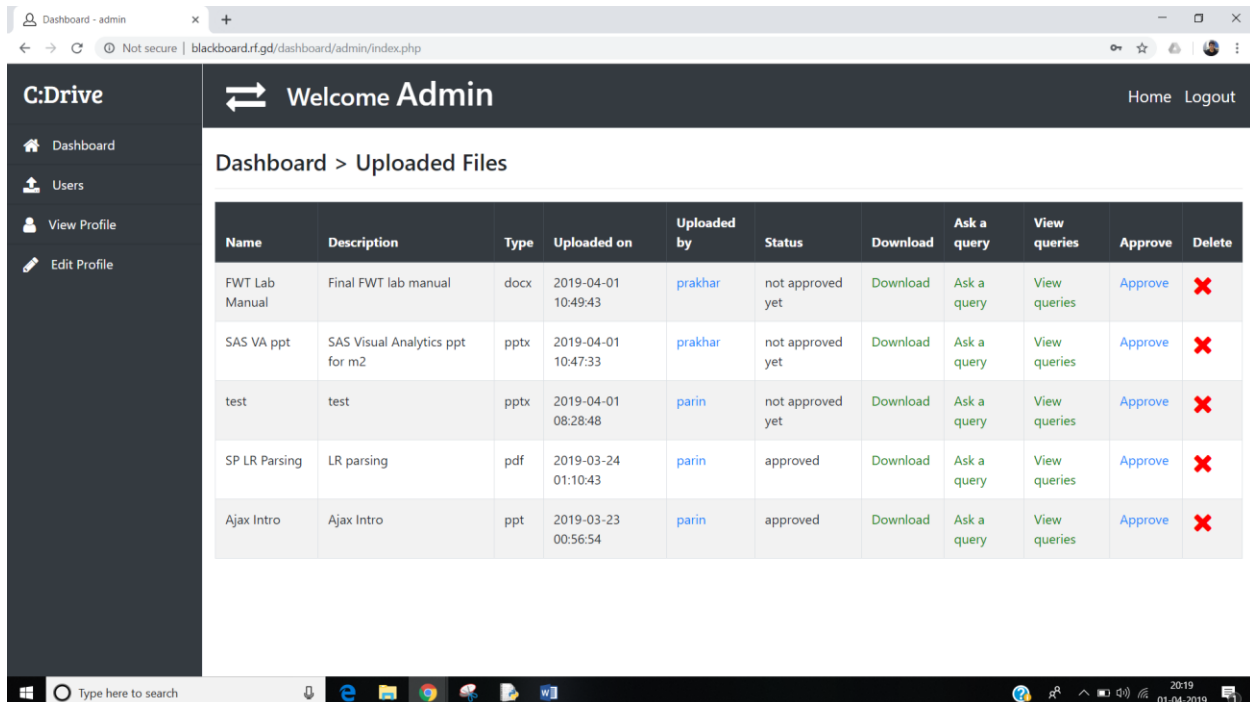
Admin Dashboard (admin can delete users)



The screenshot shows a web browser window with the address bar displaying "blackboard.rf.gd/dashboard/admin/users.php". The page has a dark sidebar on the left with the "C:Drive" logo and navigation links: Dashboard, Users, View Profile, and Edit Profile. The main content area has a header "Welcome Admin" with "Home" and "Logout" links. Below the header is a section titled "All Users" containing a table with user information.

Id	Username	Name	Email	Role	Course	Delete
34	admin	Admin	admin@mail.com	admin	Computer Science	✖delete
37	maruf	Maruf Shaikh	shaikhmaruf1806@gmail.com	student	Computer Science	✖delete
33	parin	Parin	parin090199@gmail.com	teacher	Computer Science	✖delete
38	prakhar	Prakhar	prakhar.vts@gmail.com	student	Computer Science	✖delete
36	VvyomShah	Vvyom Shah	vyvomms@gmail.com	student	Computer Science	✖delete

Admin Dashboard (admin can approve the files or delete the files can view and delete queries)



The screenshot shows a web browser window with the address bar displaying "blackboard.rf.gd/dashboard/admin/index.php". The page has a dark sidebar on the left with the "C:Drive" logo and navigation links: Dashboard, Users, View Profile, and Edit Profile. The main content area has a header "Welcome Admin" with "Home" and "Logout" links. Below the header is a section titled "Dashboard > Uploaded Files" containing a table with file information.

Name	Description	Type	Uploaded on	Uploaded by	Status	Download	Ask a query	View queries	Approve	Delete
FWT Lab Manual	Final FWT lab manual	docx	2019-04-01 10:49:43	prakhar	not approved yet	Download	Ask a query	View queries	Approve	✖
SAS VA ppt	SAS Visual Analytics ppt for m2	pptx	2019-04-01 10:47:33	prakhar	not approved yet	Download	Ask a query	View queries	Approve	✖
test	test	pptx	2019-04-01 08:28:48	parin	not approved yet	Download	Ask a query	View queries	Approve	✖
SP LR Parsing	LR parsing	pdf	2019-03-24 01:10:43	parin	approved	Download	Ask a query	View queries	Approve	✖
Ajax Intro	Ajax Intro	ppt	2019-03-23 00:56:54	parin	approved	Download	Ask a query	View queries	Approve	✖

BACKEND

cPanel

The screenshot shows the cPanel interface for a user named 'EPIZ_23651308'. The interface includes a top navigation bar with the 'InfinityFree' logo and a 'LOG OUT' button. Below the navigation bar, there are several sections:

- ADVERTISEMENT:** A banner for 'STUDY IT IN NEW ZEALAND' with a 'Scholarships available' button.
- SEARCH FOR A NEW DOMAIN NAME:** A search bar with a dropdown menu for '.com' and a 'Check Now' button.
- PREFERENCES:** A section with icons for 'Update Contact Email', 'Getting Started', 'Account Upgrades', 'Account Settings', and 'Account Statistics'.
- FILES:** A section with icons for 'net2ftp File Manager', 'MonstaFTP File Manager', 'Directory Privacy', 'FTP Accounts', and 'Backups'.

On the right side, there is a large advertisement for '90Mbps ULTRAFIBRE FIBRE BROADBAND' by TRG, featuring a man using a laptop and a price of '\$59.99/month'.

phpMyAdmin (containing all the tables)

The screenshot shows the phpMyAdmin interface for a database named 'epiz_23651308_notes'. The interface includes a top navigation bar with the following tabs: Structure, SQL, Search, Query, Export, Import, Operations, and Routines. Below the navigation bar, there is a table listing the database tables:

Table	Action	Rows	Type	Collation	Size	Overhead
answers	Browse Structure Search Insert Empty Drop	7	MyISAM	latin1_swedish_ci	2.3 KIB	-
queries	Browse Structure Search Insert Empty Drop	7	MyISAM	latin1_swedish_ci	2.3 KIB	-
uploads	Browse Structure Search Insert Empty Drop	5	MyISAM	latin1_swedish_ci	2.5 KIB	-
users	Browse Structure Search Insert Empty Drop	5	MyISAM	latin1_swedish_ci	2.8 KIB	-
4 tables	Sum	24	MyISAM	latin1_swedish_ci	9.9 KIB	0 B

Below the table, there is a 'Create table' form with fields for 'Name' and 'Number of columns', and a 'Go' button.

185.27.134.10 / sql107.epizy.com x

Not secure | 185.27.134.10/sql.php?db=epiz_23651308_notes&token=4549c2e3f45ea7daac13df8817135f7&goto=db_structure.php&table=users&pos=0

sql107.epizy.com > epiz_23651308_notes > users

Browse Structure SQL Search Insert Export Import Operations

Showing rows 0 - 4 (5 total, Query took 0.0005 sec)

```
SELECT *
FROM `users`
LIMIT 0, 30
```

Profiling [online] [Edit] [Explain SQL] [Create PHP Code] [Refresh]

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

Sort by key: None

+ Options

	id	username	name	about	role	email	token	gender	password	course	image	joindate
	34	admin	Admin	N/A	admin	admin@mail.com		Male	\$2y\$10\$B3suH8_OOFISZJDKVnzO8uAJvoEcFjNllwPi@RWf...	Computer Science	profile.jpg	March 23, 2019
	33	parin	Parin	Hello	teacher	parin090199@gmail.com		Male	\$2y\$10\$5nS/V8dIDN7AoDjguJFQes.TEHYU5sEadLPk4Z09KUQ...	Computer Science	251372.jpg	March 23, 2019
	36	VyomShah	Vyom Shah	N/A	student	vyomms@gmail.com		Male	\$2y\$10\$WQ5CbCjligKY4yWwTS.BaXbGRlUfPkgOUzJUXR...	Computer Science	profile.jpg	March 23, 2019
	37	maruf	Maruf Shaikh	N/A	student	shaikhmaruf1806@gmail.com		Gender	\$2y\$10\$h0KNydeqZMzn3PRq/Bx6iO5ZGo7PD2KnCN0osI38wT...	Computer Science	profile.jpg	March 28, 2019
	38	prakhar	Prakhar	N/A	student	prakhar.vts@gmail.com		Male	\$2y\$10\$RaJcIKpBYZnEOzkrRdIG.7i0ltGurjaKlw5MZy6M6...	Computer Science	profile.jpg	April 1, 2019

Check All / Uncheck All With selected: Change Delete Export

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

Query results operations

Print view Print view (with full texts) Export Display chart Create view

The image displays a file explorer interface with two panes. The left pane, titled 'FOLDERS', shows a hierarchical tree structure of the project's directories. The right pane shows the contents of the selected 'database' folder.

Left Pane (FOLDERS):

- ▼ FWT
 - ▶ allfiles
 - ▼ dashboard
 - ▼ admin
 - ▶ css
 - answerquery.php
 - askquery.php
 - index.php
 - userprofile.php
 - users.php
 - viewanswer.php
 - viewanswer1.php
 - viewprofile.php
 - viewquery.php
 - viewquery1.php
 - ▶ css
 - ▼ includes
 - adminheader.php
 - adminnav.php
 - connection.php
 - usernav.php
 - ▶ profilepics
 - ▼ user
 - ▶ css
 - answerquery.php
 - askquery.php
 - index.php
 - notes.php
 - uploadnote.php
 - userprofile.php
 - viewanswer.php
 - viewanswer1.php
 - viewprofile.php

Right Pane (Contents of database folder):

- viewquery.php
- viewquery1.php
- ▼ database
 - notes.sql
- ▼ images
 - abt.jpg
 - icon.png
 - login4.png
 - parin.png
 - prakhar.png
 - usericon.png
 - vyom.png
- ▼ includes
 - connection.php
 - footer.php
 - header.php
 - navbar.php
- ▼ js
 - app.js
 - particles.min.js
- ▶ lang
 - aboutus.php
 - gump.class.php
 - hosting.txt
 - index.php
 - login.php
 - logout.php
 - signup.php

The website is hosted using Infinity Free which provides a subdomain and cPanel for the subdomain where one can easily upload, update and modify the files. PHPmyadmin is also provided where the database resides and is connected via PHP script.

The project can be found hosted at <http://blackboard.rf.gd>