

CSED GP Library: Milestone 2

6th April 2020

OVERVIEW

We proposed a web application represented as a library of resources for all previous graduation projects and for the upcoming graduation projects, students can upload their codes and their documentation. We also propose the web application as an open environment for communication and sharing experience between all computer science and engineering students.

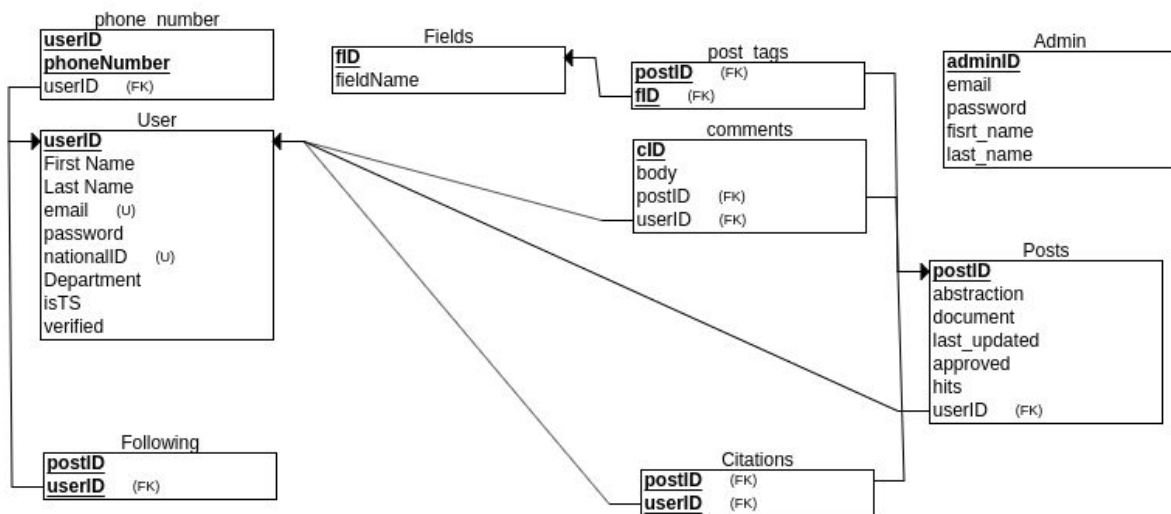
In this milestone we started the development of the first Agile increment.

Requirements Elicitation

From the overall requirements of the system, we chose those six basic requirements for the development of our first Agile increment, they are prioritized from the highest priority to the lowest:

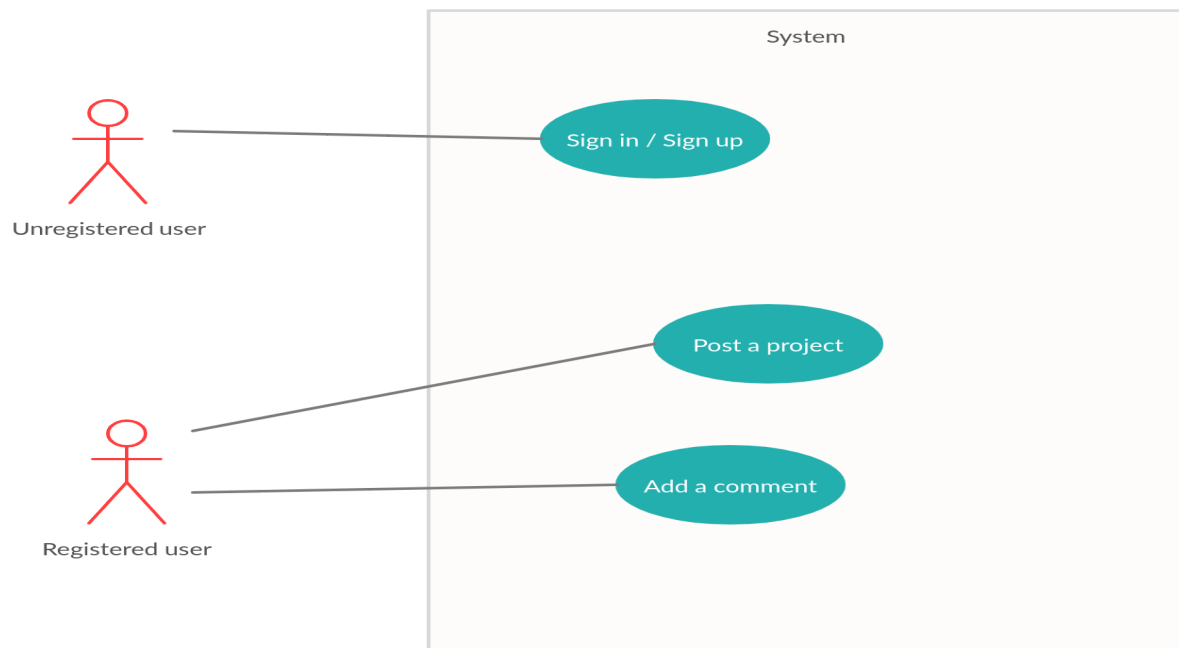
1. Database design and construction
2. User: sign in/signup
3. User: simple profile
4. Main page: navigation bar to link the registration and user profile
5. User: add post [requirement from the 3rd milestone]
6. User: add comment [requirement from the 3rd milestone]

I. Database Schema



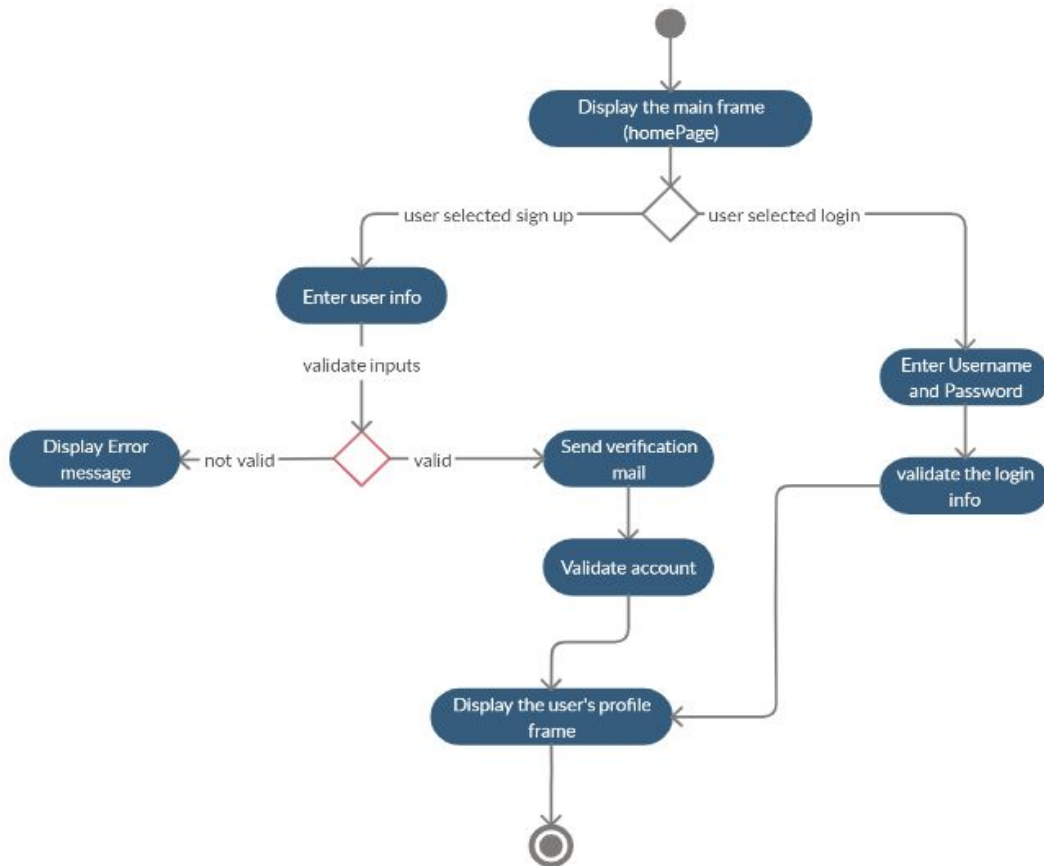
- Table fields was not created in this milestone and I believe we could go by with only a list.
- User columns was changed to include graduation year.
- Post columns was changed to include title and hits are not implemented yet.

II. Use case diagrams



III. Activity diagrams

1. Sign in/ log in



IV. Test cases

Test Case ID	1	Test Case Description	Test the main page		
Created By	Developer 1	Reviewed By	Developer 2	Version	1.0

Tester's Name	Developer 1	Date Tested	April 4, 2020	Test Case (Pass/Fail/Not Executed)	Pass
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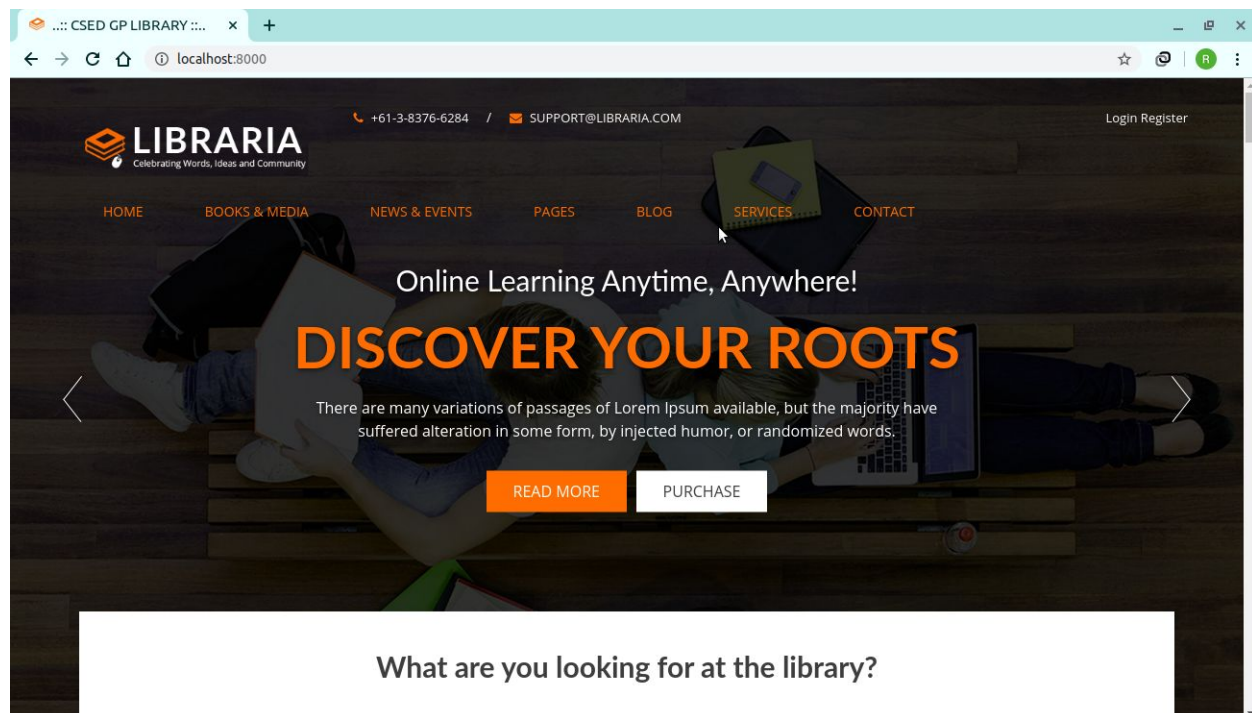
S #	Prerequisites:
1	Access to Chrome Browser

S #	Test Data
1	The main page URL

Test Scenario On requesting the main page with the correct URL, the user can see the main page

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to http://localhost:portnumber	Site should open	As Expected	Pass

Running TestCase



Test Case ID	2	Test Case Description	Test the sign in		
Created By	Developer 1	Reviewed By	Developer 2	Version	1.0

Tester's Name	Developer 1	Date Tested	April 4, 2020	Test Case (Pass/Fail/Not Executed)	Pass
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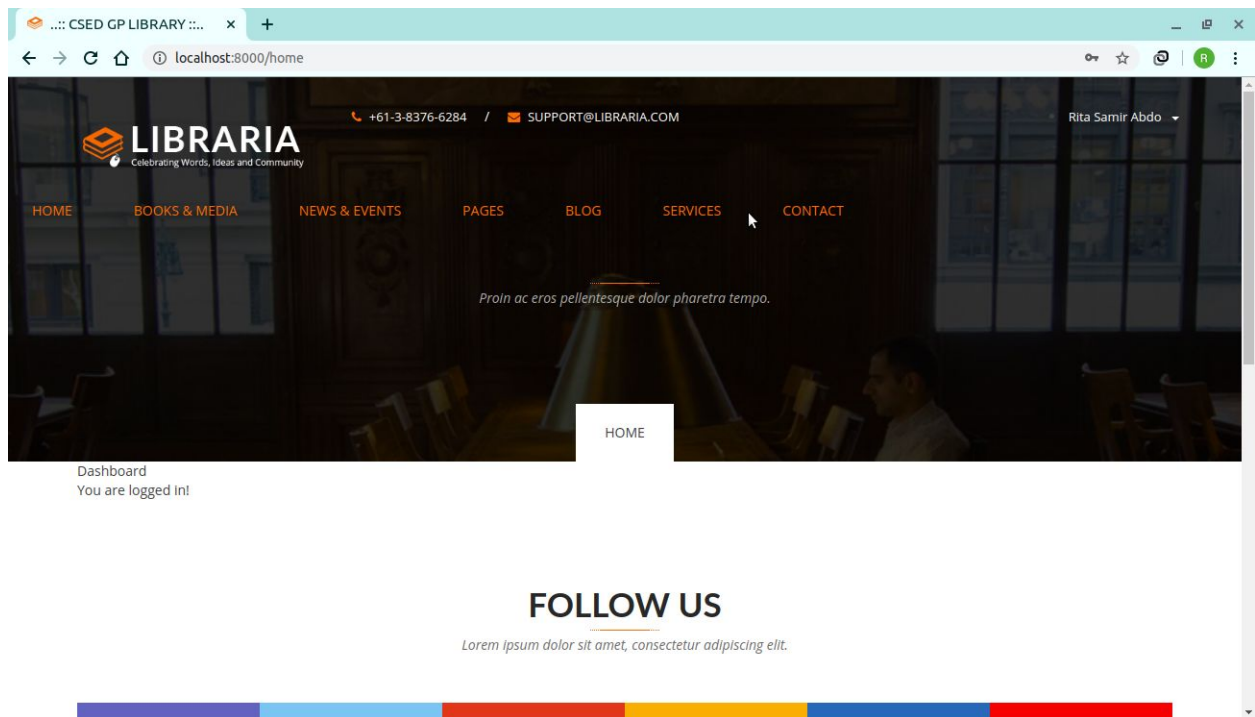
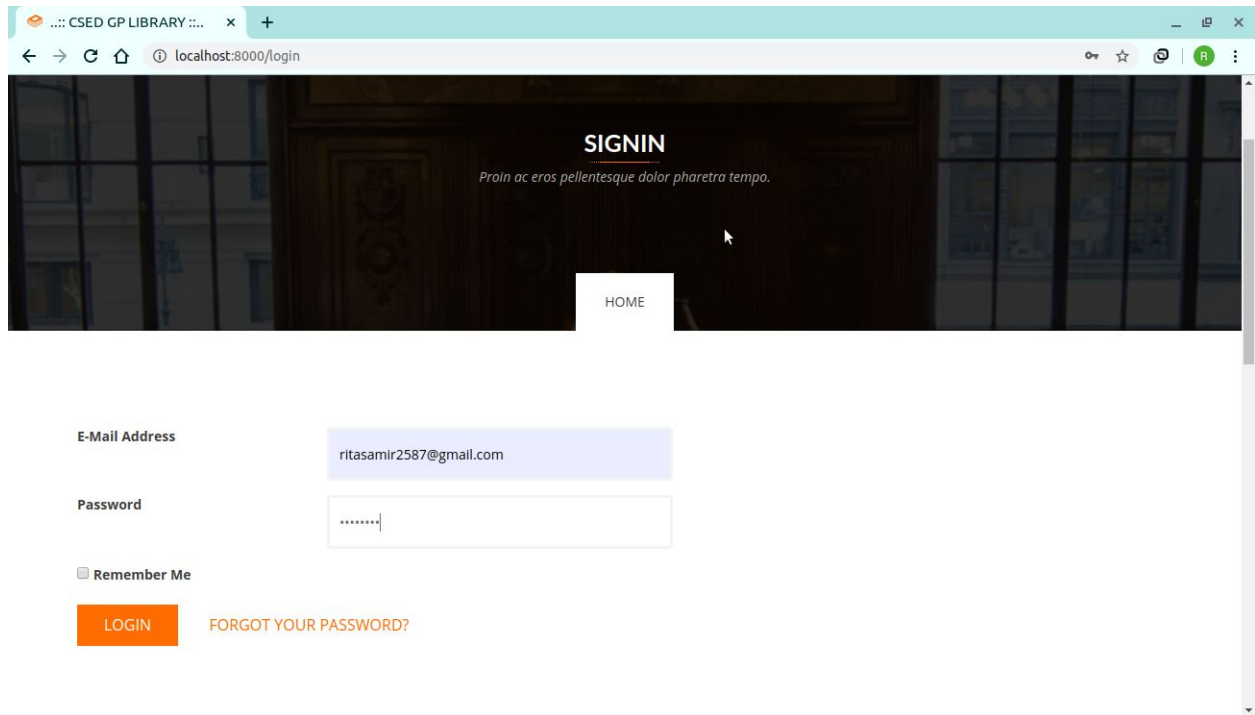
S #	Prerequisites:
1	Access to Chrome Browser
2	

S #	Test Data
1	Valid email address
2	Correct password

Test Scenario On providing a correct email address and password combination, the user can access his/her Profile frame

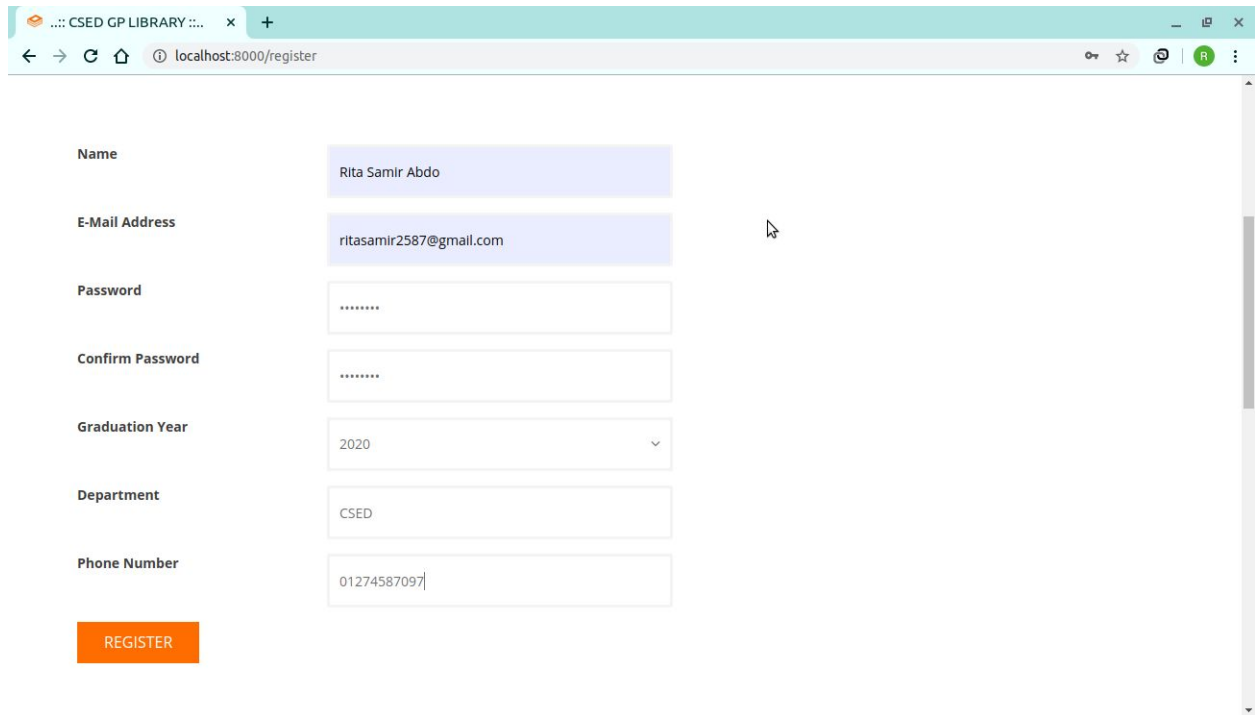
Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to http://localhost:portnumber	Site should open	As Expected	Pass
2	Click on login in the navigation bar	Login page should open	As Expected	Pass
3	Enter email address and password	User profile page should open	As Expected	Pass

Running TestCase





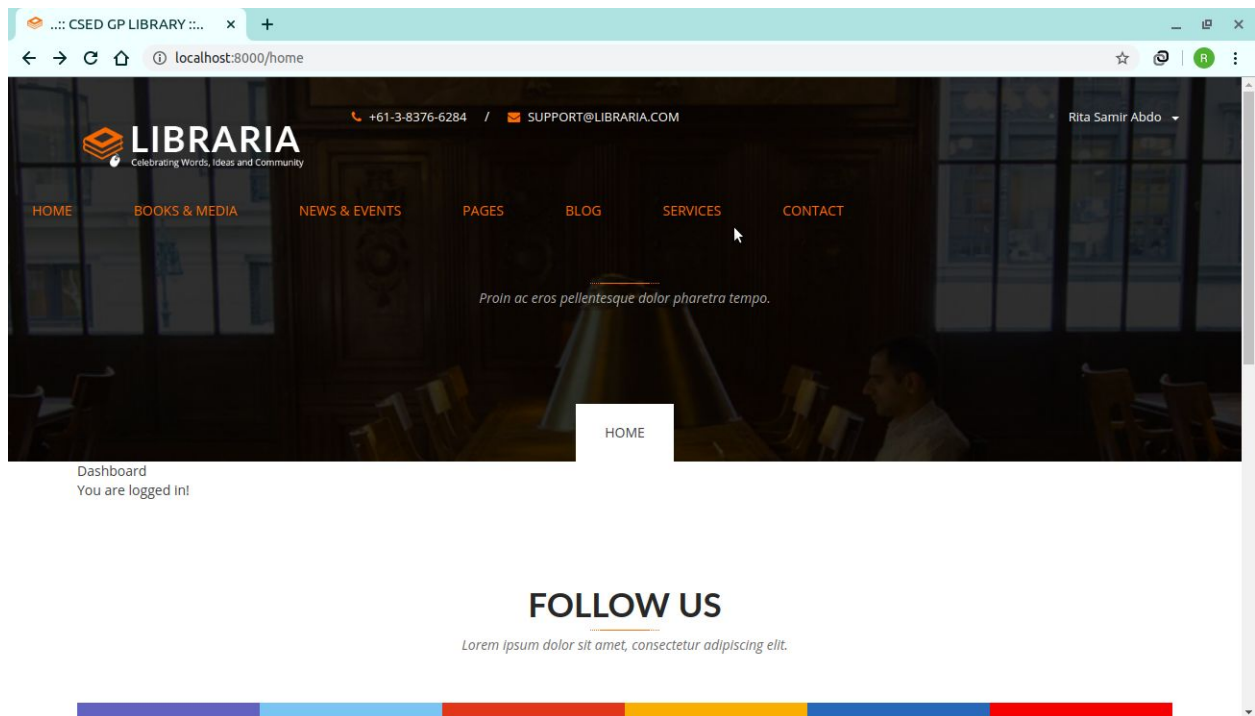
Running TestCase



The screenshot shows a web browser window with the address bar displaying 'localhost:8000/register'. The page contains a registration form with the following fields and values:

Field	Value
Name	Rita Samir Abdo
E-Mail Address	ritasamir2587@gmail.com
Password	*****
Confirm Password	*****
Graduation Year	2020
Department	CSED
Phone Number	01274587097

Below the form is an orange button labeled 'REGISTER'.



The screenshot shows a web browser window with the address bar displaying 'localhost:8000/home'. The page features a dark background with a library interior image. The header includes the 'LIBRARIA' logo, contact information (+61-3-8376-6284, SUPPORT@LIBRARIA.COM), and a user profile 'Rita Samir Abdo'. A navigation menu lists: HOME, BOOKS & MEDIA, NEWS & EVENTS, PAGES, BLOG, SERVICES, and CONTACT. A central banner displays the Latin phrase 'Proin ac eros pellentesque dolor pharetra tempo.' Below this is a 'HOME' button. The footer contains the text 'Dashboard You are logged in!' and a 'FOLLOW US' section with a decorative bar of colored squares.

DBeaver 7.0.1 - users

File Edit Navigate Search SQL Editor Database Window Help

MySQL - CSED CSED

posts users password_resets

Properties Data ER Diagram MySQL - CSED Databases laravel Tables users

users Enter a SQL expression to filter results (use Ctrl+Space)

	id	name	email	profile_img	department	phone_number	graduation_year
1	1	Rita Samir Abdo	ritasamir2587@gmail.com	user.png	CSED	01274587097	2020

Save Cancel Script 200 1 row(s) fetched - 2ms (+2ms)

EET en_US 45M of 66M

Next steps

For the next milestone we aim to overcome the problems we faced in the development of the frontend of the website.

Add post and comment creation forms.

We also start to separate the 3 types of users' functionalities and roles and add the search feature to the Main page.