

User Interface Design of Srenikokkho

Course: Software design and analysis, SE606



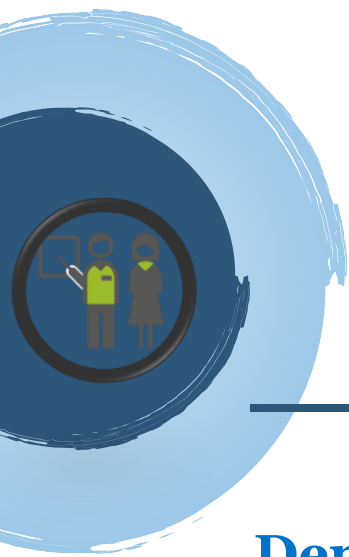
Submitted to:

Md. Nurul Ahad Tawhid,
Assistant Professor, IIT, DU

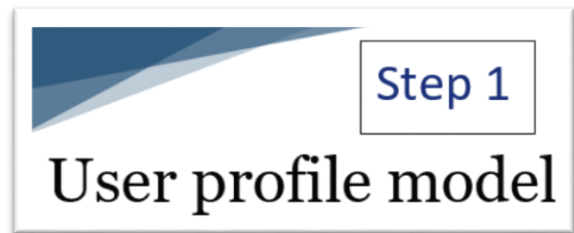
DATE : 25/10/2018

Submitted by:

Saara Sheneen, Roll: 0833
Tahlil, Roll: 0803



Teacher



Demographics

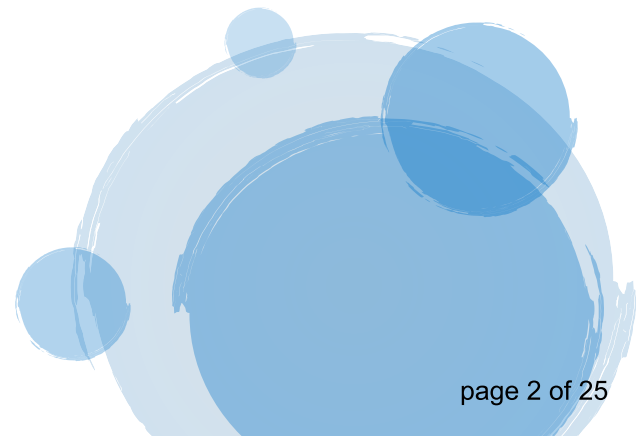
| | |
|--------------------------------|---|
| Age: | 25-65 |
| Gender: | Male, Female, Other |
| Background: | Secondary, Higher Secondary, Higher level educational institute |
| Cultural or ethnic background: | Any |
| Holdings: | Computer/Laptop s/he can access, email account |

Motivation

- i) Gather all the teaching material at one place
- ii) Organize teaching materials among different courses
- iii) Give quick notice to classes, share resources easily
- iv) Organize tasks
- v) Get notified of tasks ahead of time
- vi) Easily deploy assignment and get submission

Goal

Managing course activities, files & folders in a cost-effective and time efficient way





Syntactic Knowledge

Knowledge level: good

User is required to:

- i) Know how to operate a computer and its genuine usage
- ii) Have the ability to browse in the internet

Semantic Knowledge

Required language: English

User needs to be familiar with:

- i) Understanding of web sign in, login and logout
- ii) How file system works and downloading, uploading file on the web
- iii) Concept of todos, Assignment, assignment submission
- iv) Genuine knowledge to surf regular website

Category

Novice,
Knowledgeable, intermittent users,
Knowledgeable, frequent users



Student

Demographics

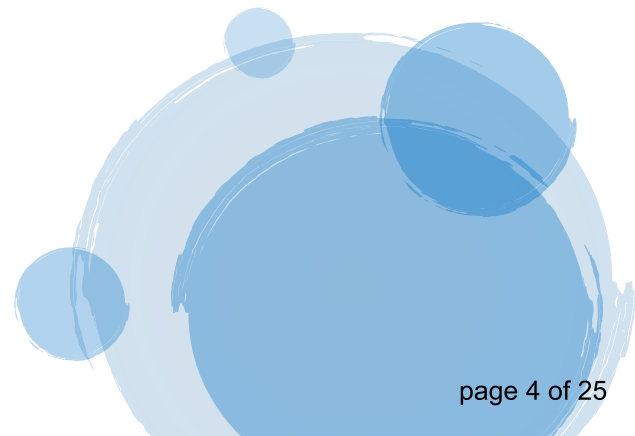
| | |
|--------------------------------|---|
| Age: | 16-25 |
| Gender: | Male, Female, Other |
| Background: | Secondary, Higher Secondary, Higher level educational institute |
| Cultural or ethnic background: | Any |
| Holdings: | Computer/Laptop s/he can access, email account |

Motivation

- i) Manage and organize study files of different courses
- ii) View upcoming exam, assigned homework, class notice, grade
- iii) Get notified of upcoming exam, assigned homework, class notice beforehand
- iv) Submit HW/assignment easily
- v) Ask query to the course instructor

Goal

Managing study materials and course activities in a cost-effective and time efficient way





Syntactic Knowledge

Knowledge level: good

User is required to:

- i) Know how to operate a computer and its genuine usage
- ii) Have the ability to browse in the internet

Semantic Knowledge

Required language: English

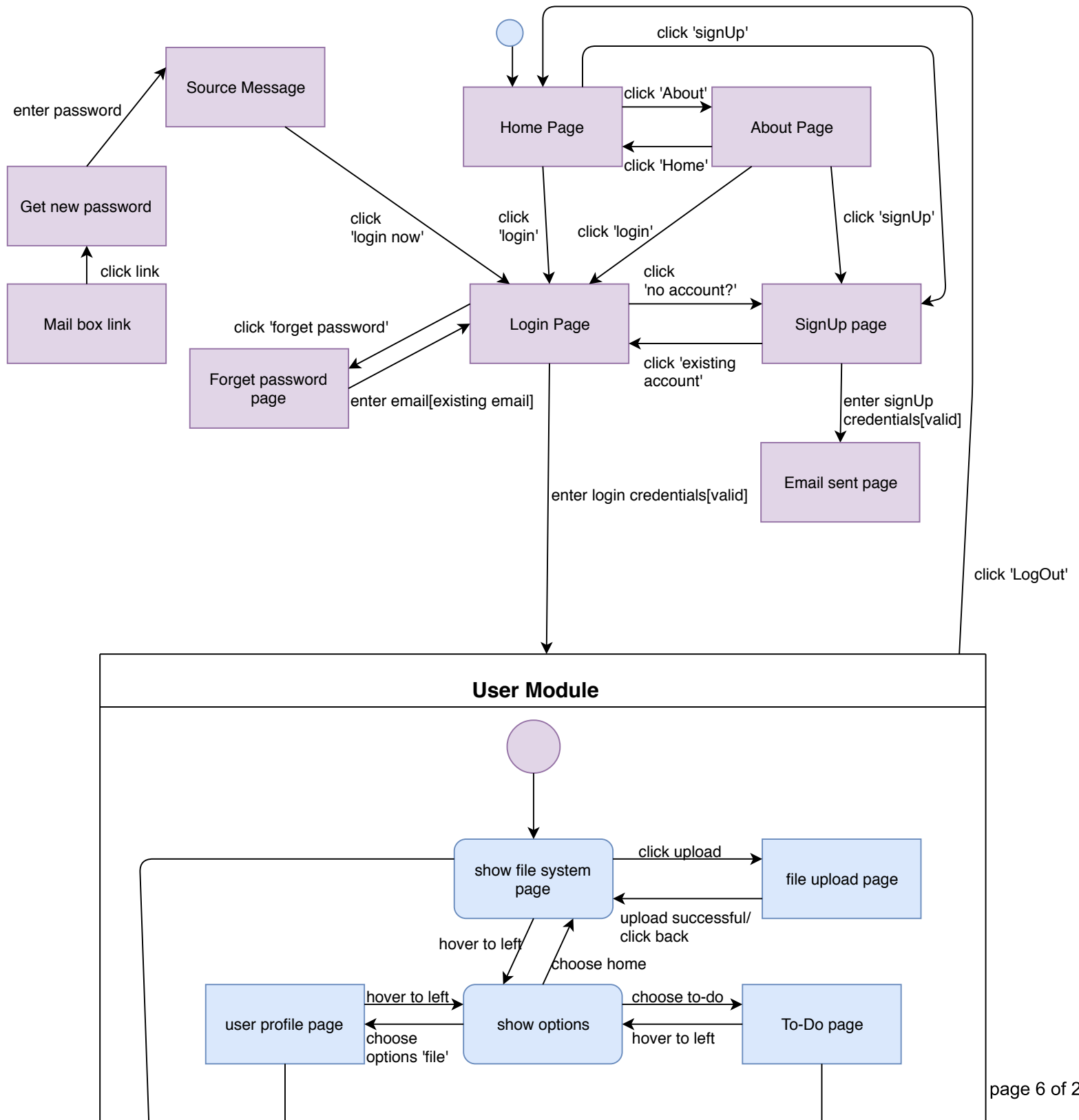
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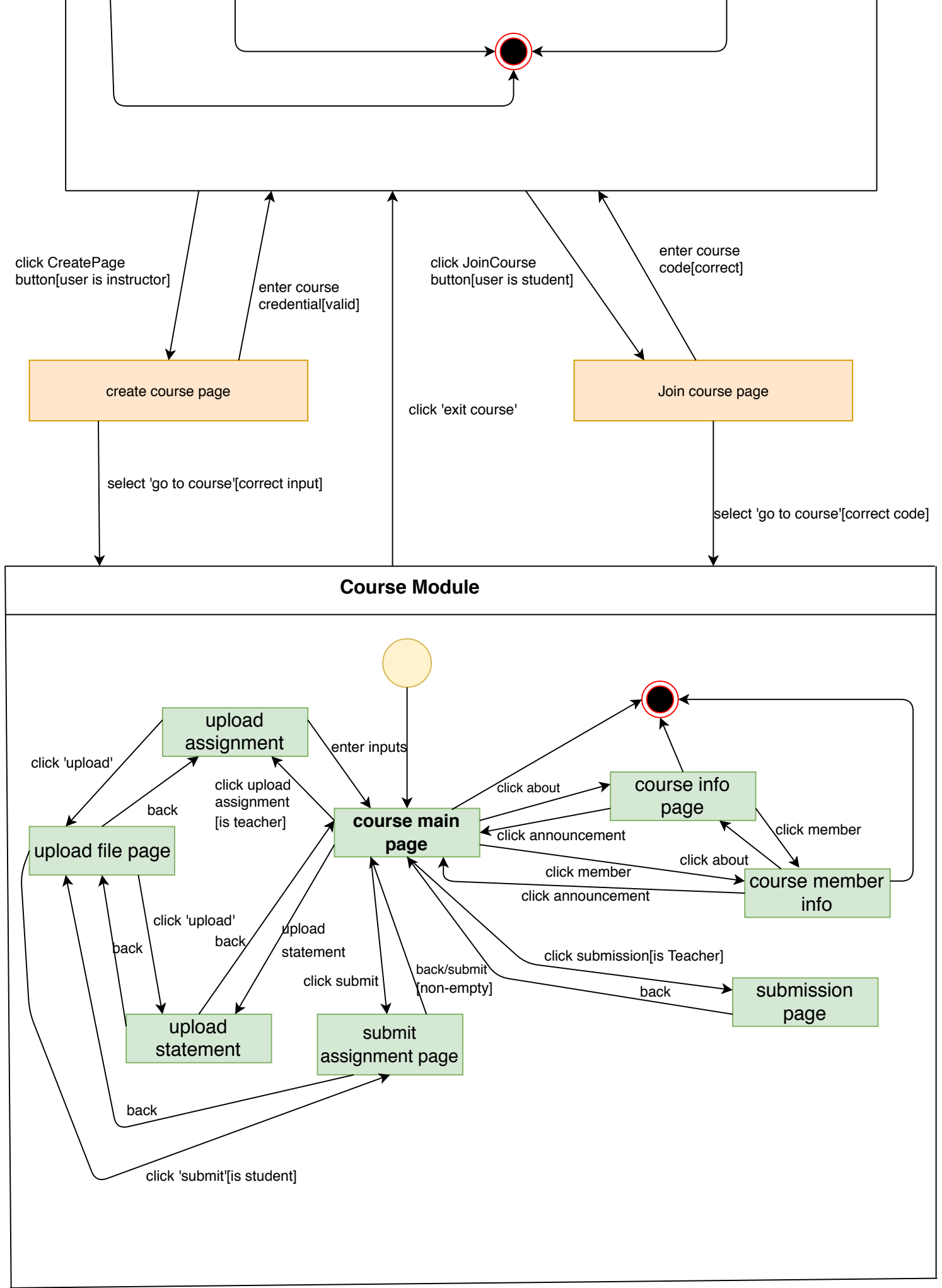
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- ii) How file system works and downloading, uploading file on the web
- iii) Concept of todos, Assignment, assignment submission
- iv) Genuine knowledge to surf a genuine website

Category

Novice,
Knowledgeable, intermittent users,
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Step 2: Design Model





Step-3: Individual User Interface design

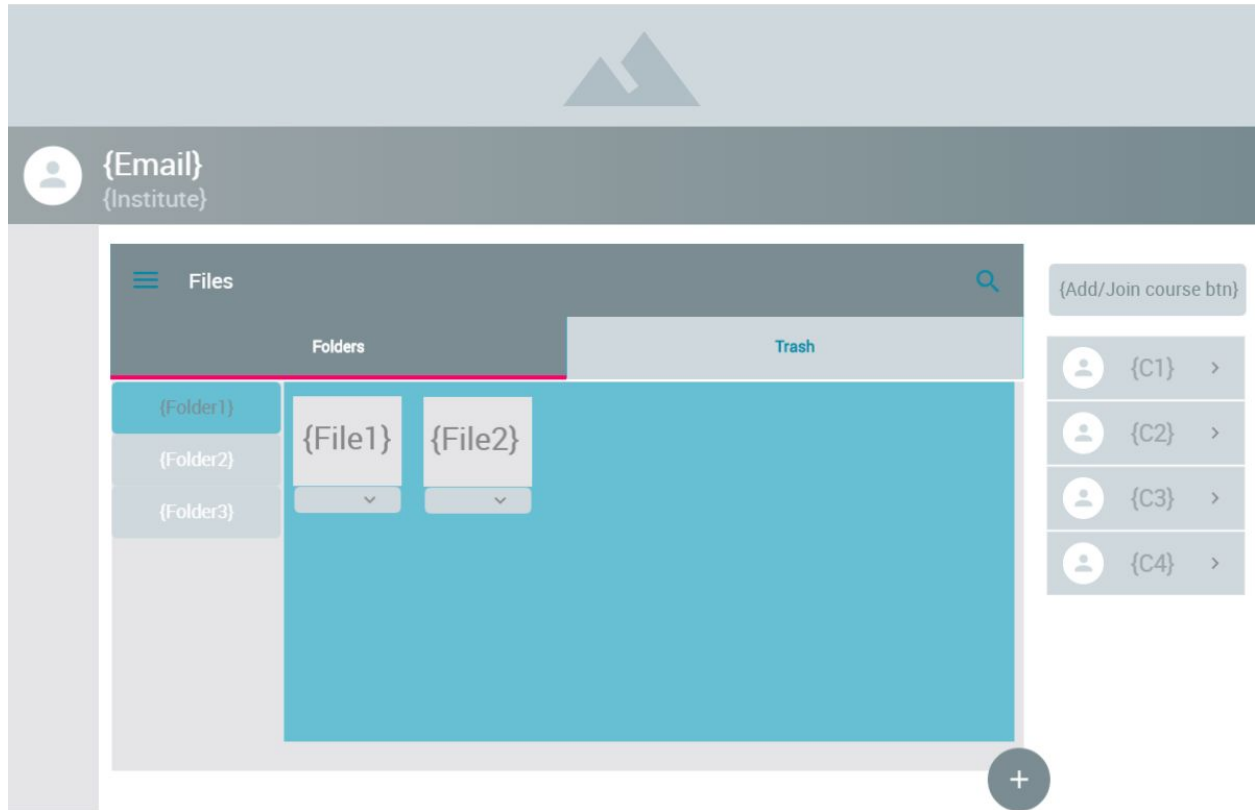


Fig 2: User Module

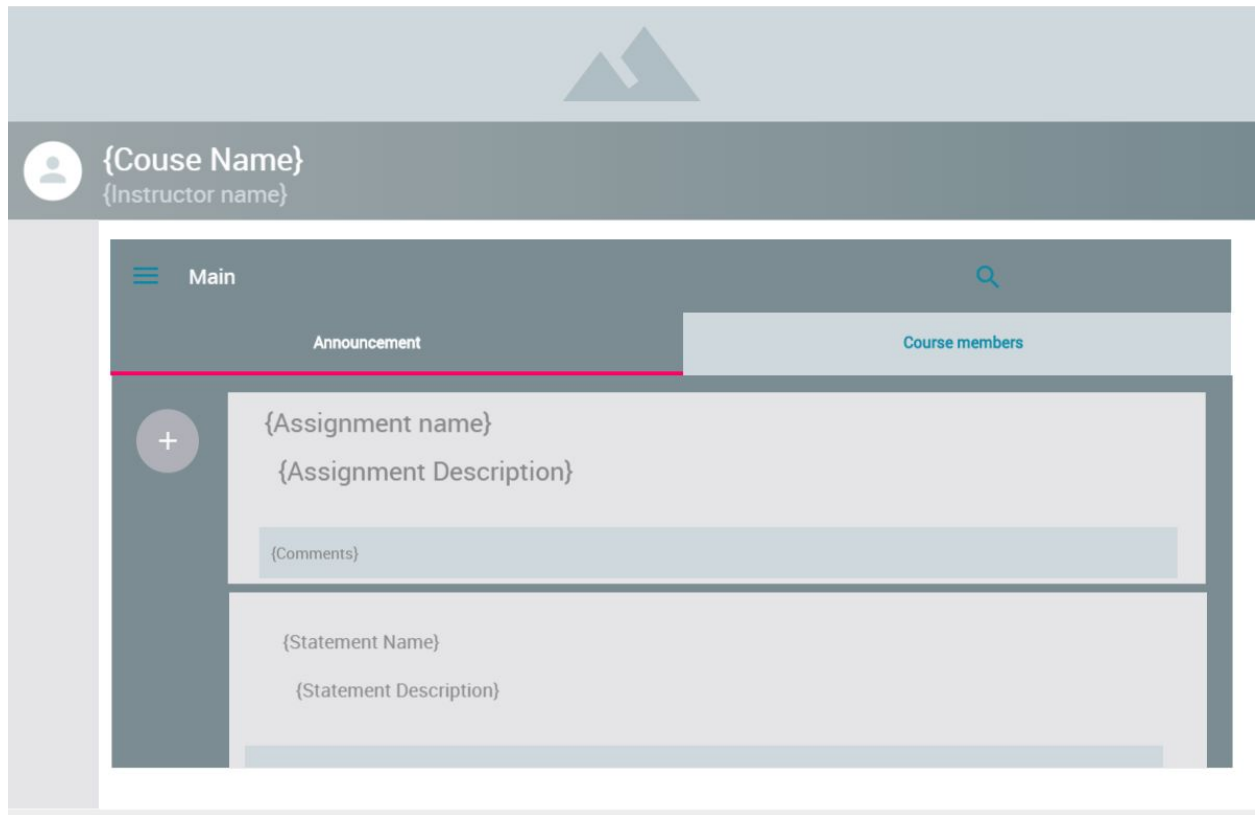


Fig 3: Course Module

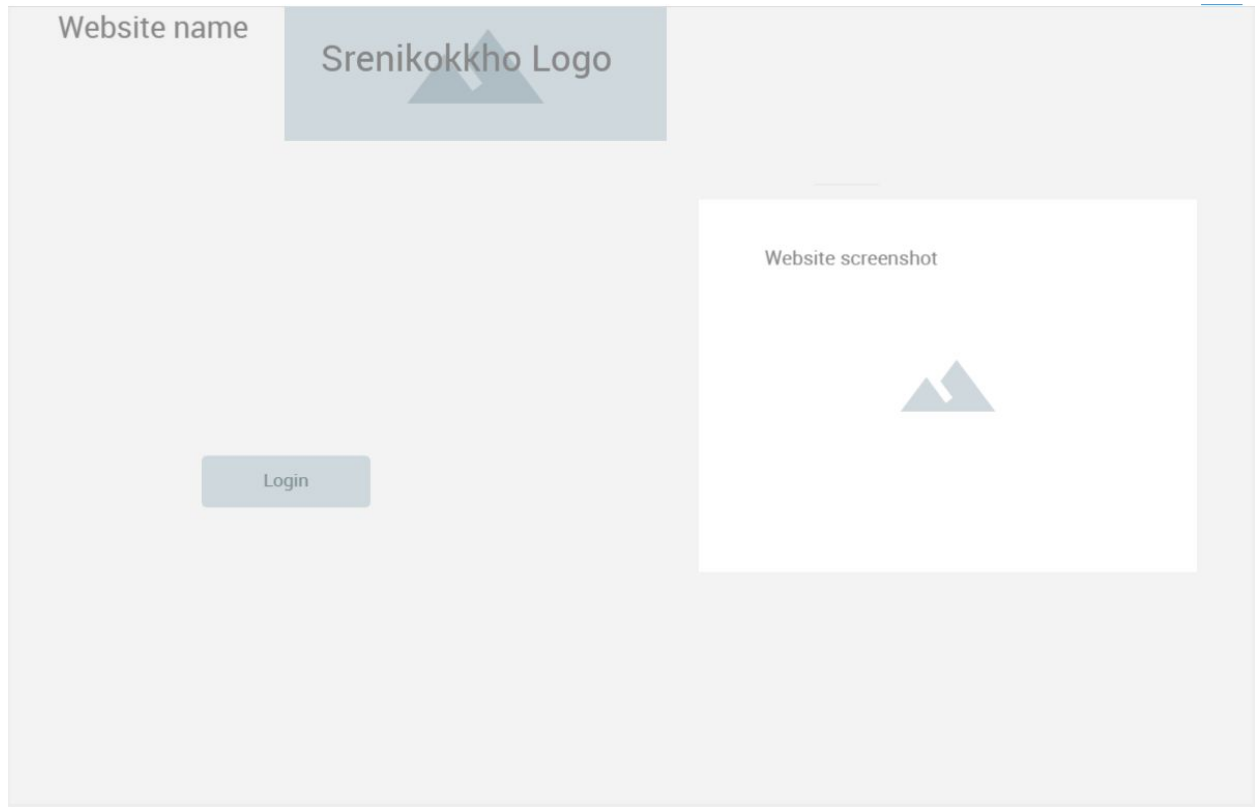


Fig 4: Home Page

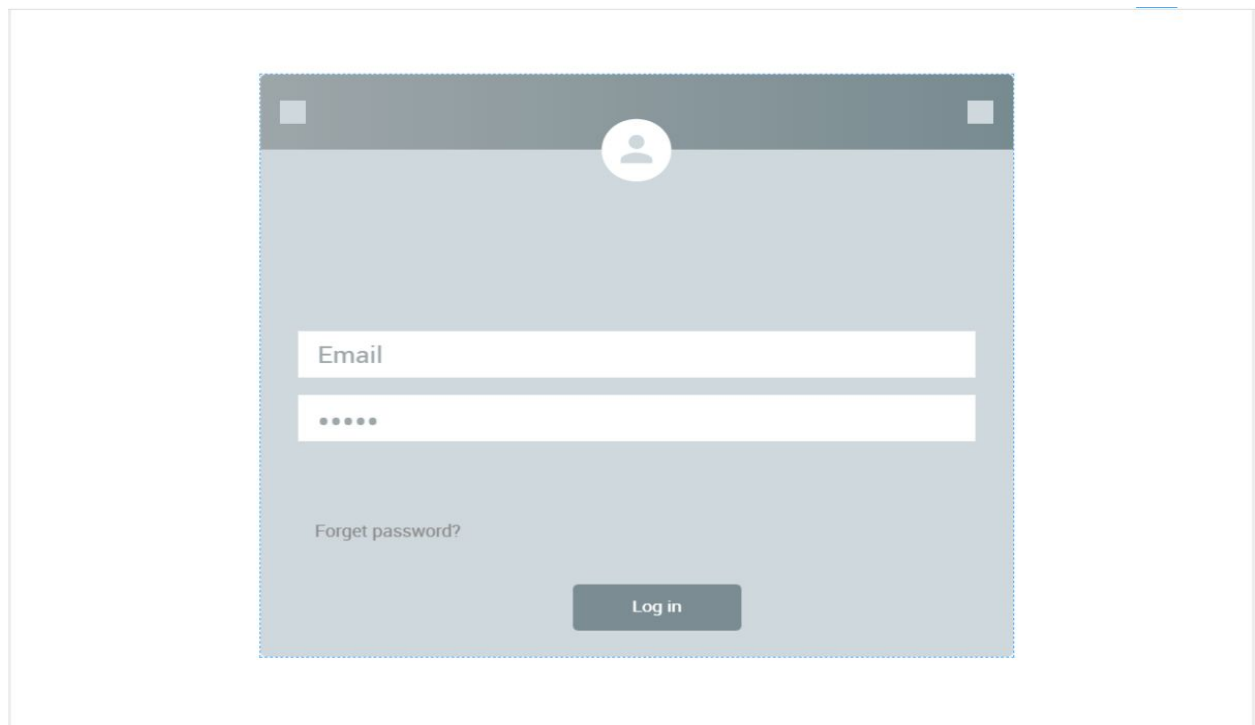
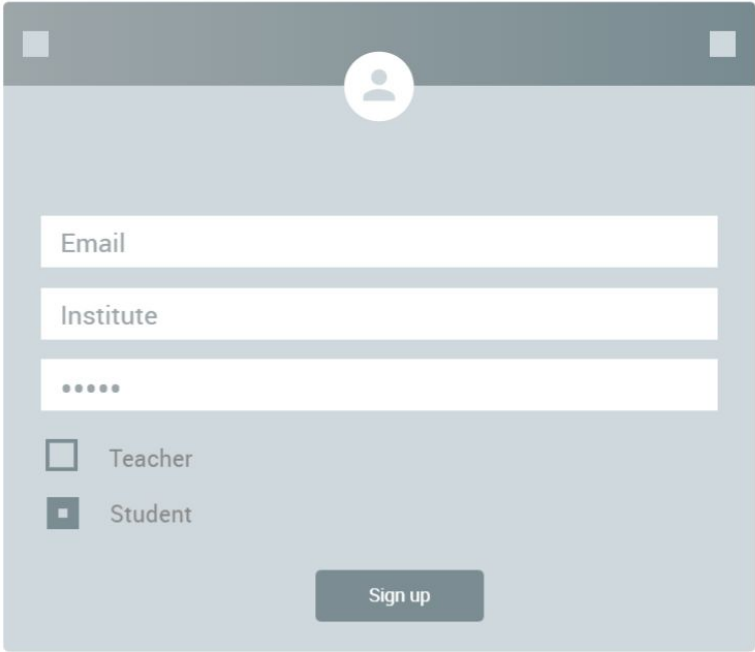


Fig 5: LogIn



A user registration form with a dark header bar containing a user icon. The form includes three input fields: 'Email', 'Institute', and a password field with five dots. Below the fields are two radio buttons labeled 'Teacher' and 'Student'. A 'Sign up' button is at the bottom right.

Email

Institute

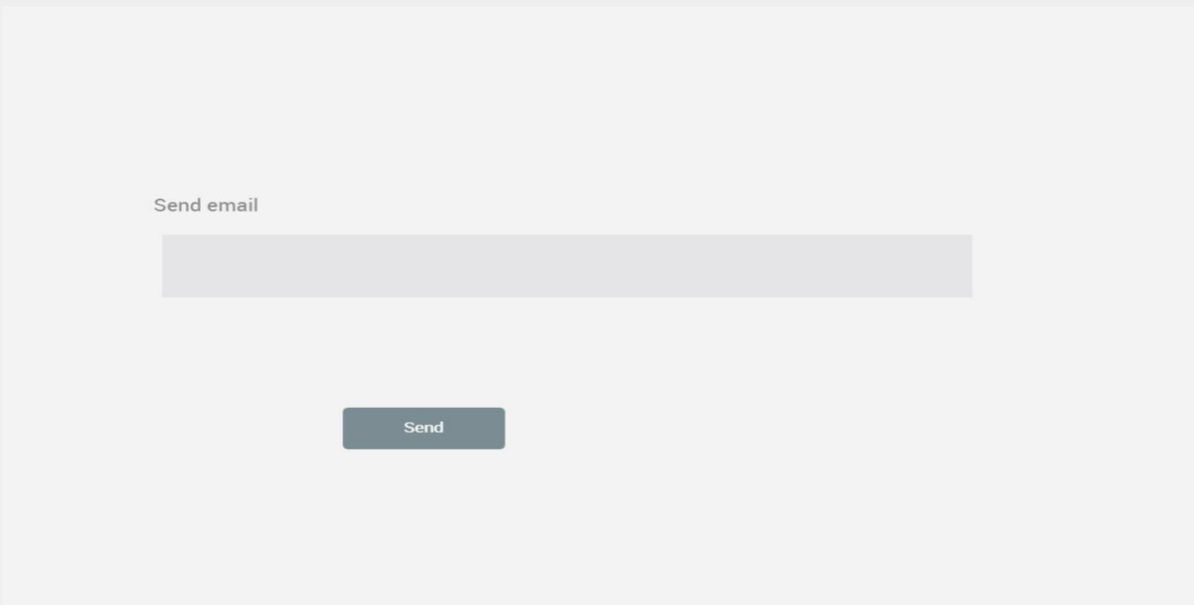
.....

☐ Teacher

☐ Student

Sign up

Fig 6: SignUp



An email sending form with a light gray background. It features a text input field with the placeholder 'Send email' and a 'Send' button below it.

Send email

Send

Fig 7: Sending Mail

Upload Assignment

Assignment Title

Assignment Description

Deadline

| | | | |
|--|------------|----|----|
| | Sat 5 Sep | 6 | 56 |
| | Sun 6 Sep | 7 | 57 |
| | Mon 7 Sep | 8 | 58 |
| | Tue 8 Sep | 9 | 59 |
| | Wed 9 Sep | 10 | 00 |
| | Thu 10 Sep | 11 | 01 |
| | Fri 11 Sep | 12 | 02 |
| | Sat 12 Sep | 13 | 03 |
| | Sun 13 Sep | 14 | 04 |

Upload

Upload file

Fig 8: Upload Assignment

Upload Statement

Statement Title

Statement Description

Upload


 Upload file

Fig 9: Upload Statement

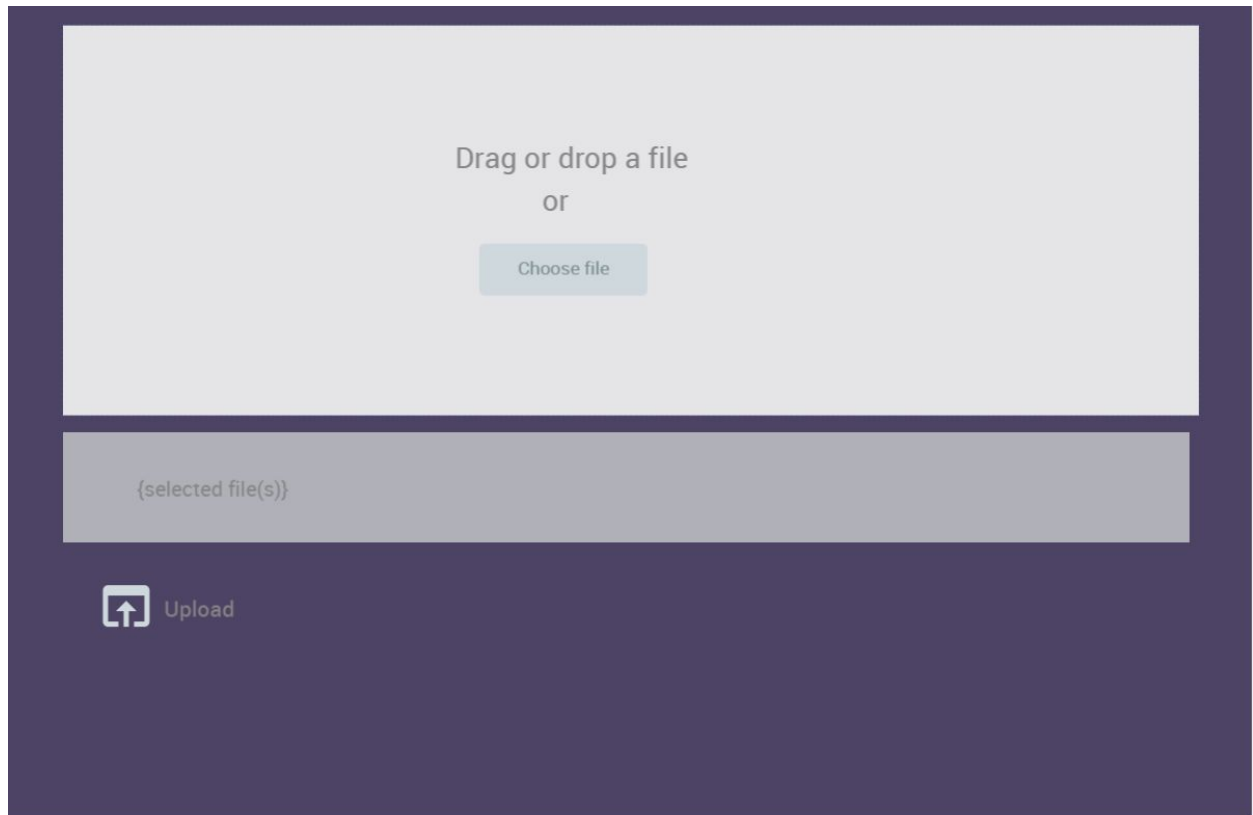
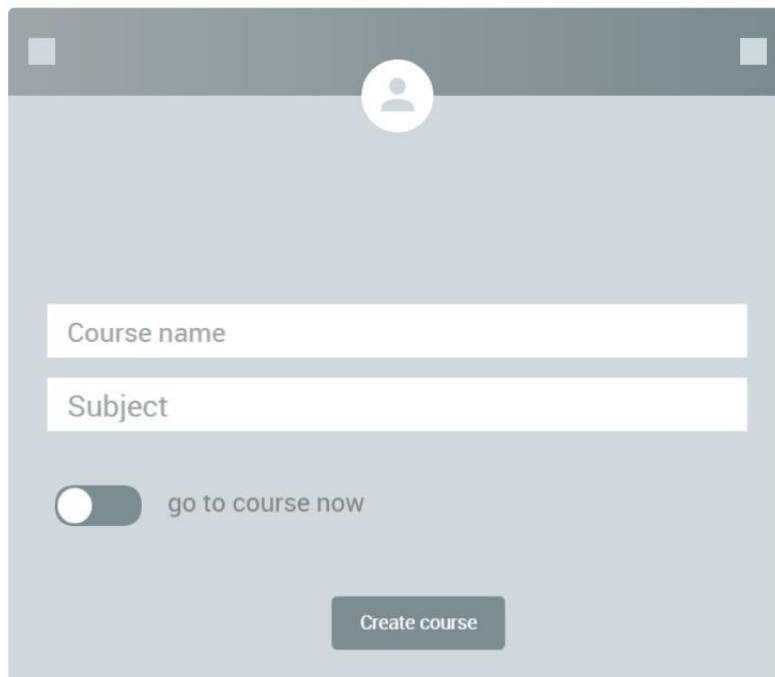
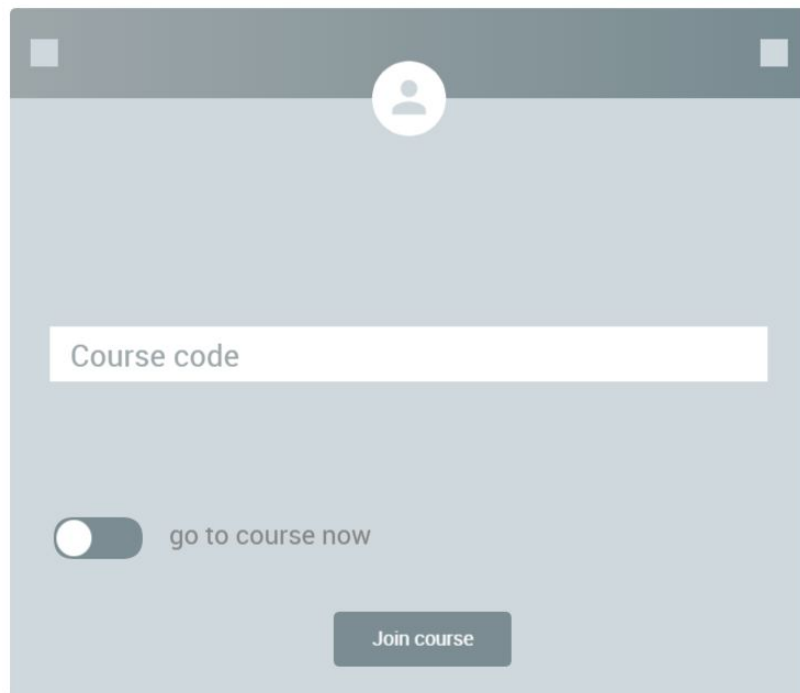


Fig 10: Upload File(s)



A screenshot of a web form titled "Create Course". The form is set against a light blue background. At the top, there is a dark grey header bar with a white user profile icon in the center. Below the header, the form contains two white input fields: "Course name" and "Subject". Under these fields is a toggle switch labeled "go to course now", which is currently turned off. At the bottom right of the form is a dark grey button with the text "Create course".

Fig 11: Create Course



A screenshot of a web form titled "Join Course". The form has a dark gray header bar with a user profile icon in the center. Below the header, there is a light gray input field labeled "Course code". Underneath the input field, there is a toggle switch labeled "go to course now", which is currently turned off. At the bottom of the form, there is a dark gray button labeled "Join course".

Fig 12: Join Course

Actual User Interface Design

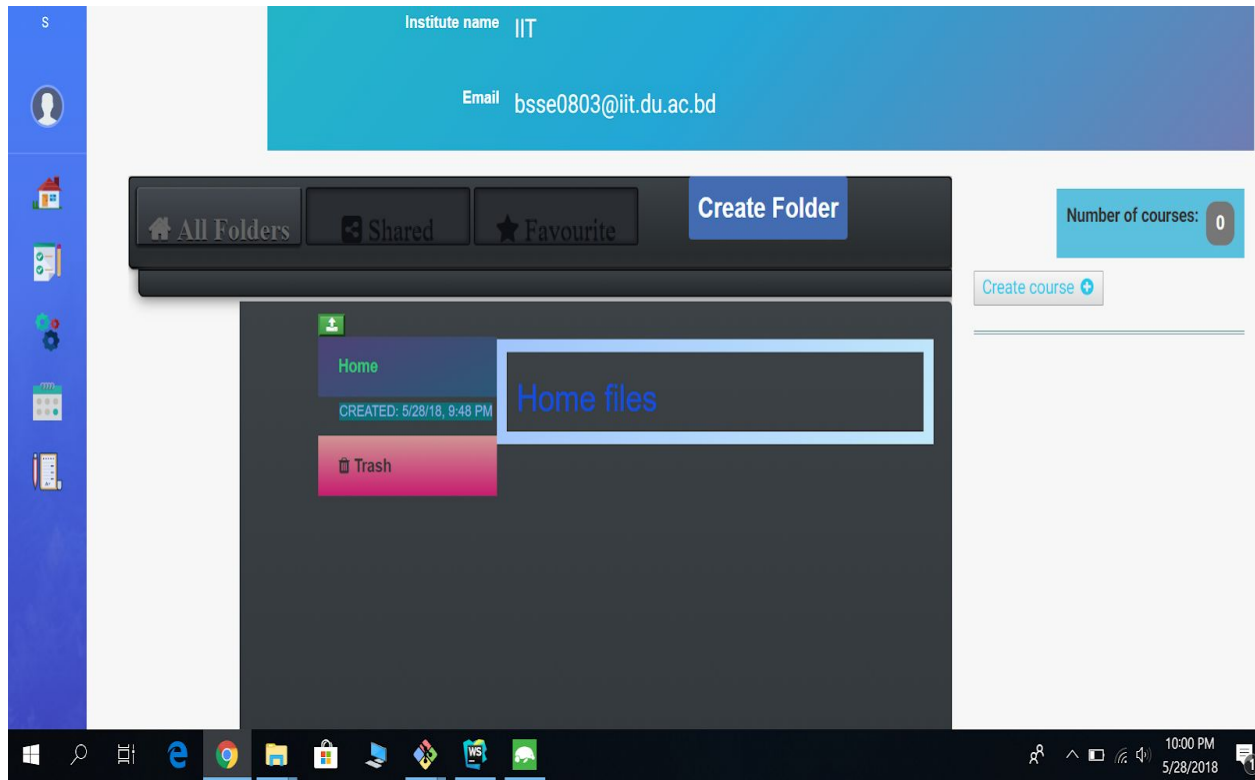


Fig 13: User Page

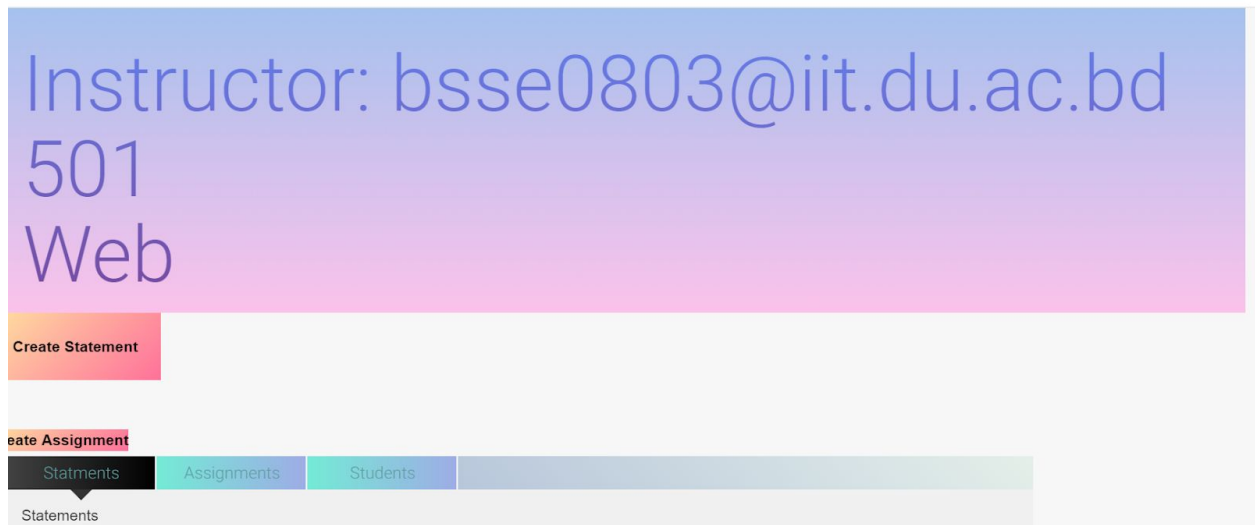


Fig 14: Course Page

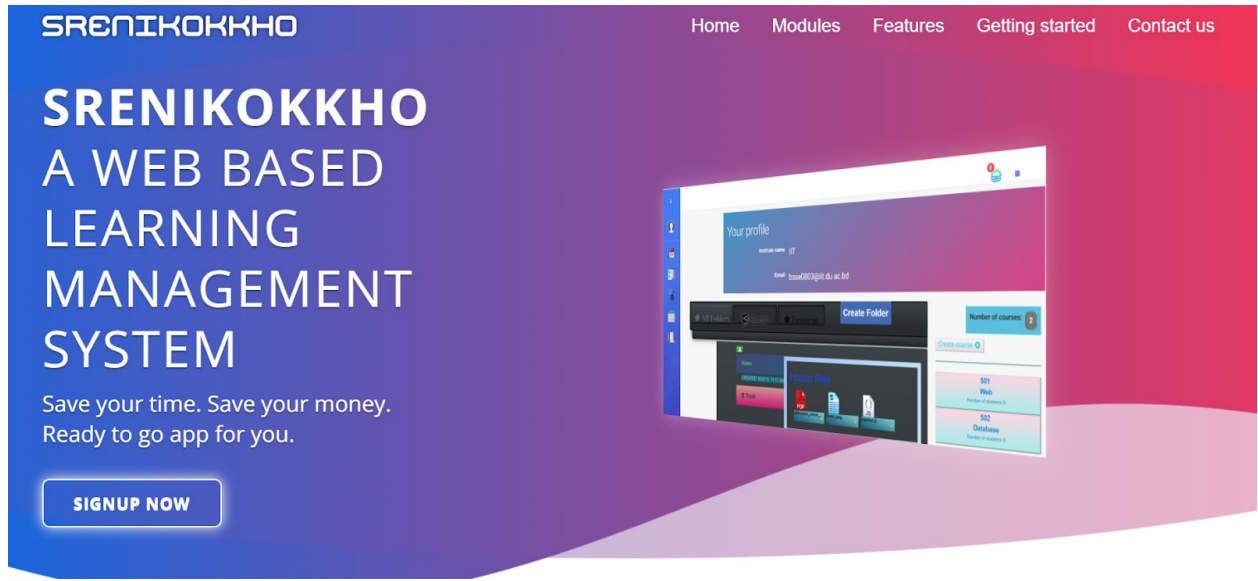


Fig 15: Home Page

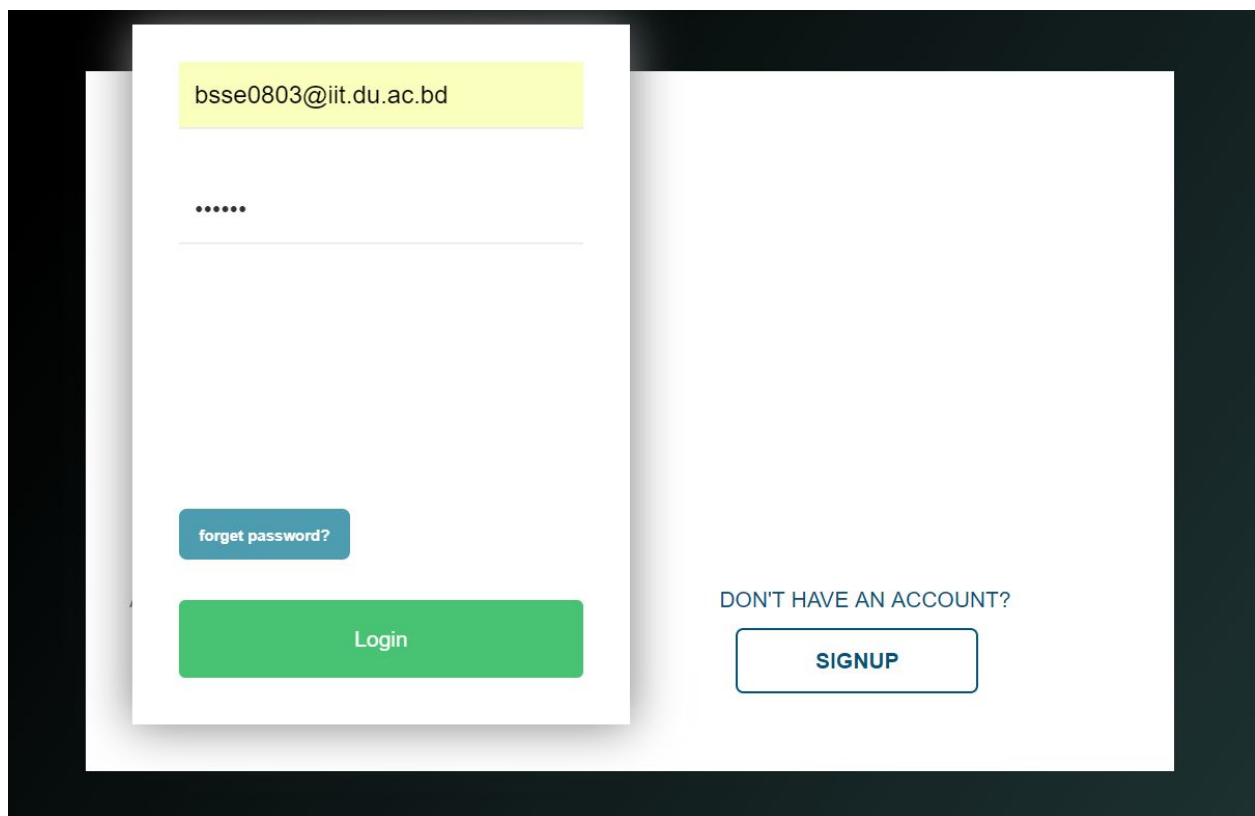


Fig 16: Login

ALREADY HAVE AN ACCOUNT?

LOGIN

☒ Instructor
☐ Student

IIT

bsse0803@iit.du.ac.bd

.....

[forget password?](#)

Submit

Fig 17: SignUp

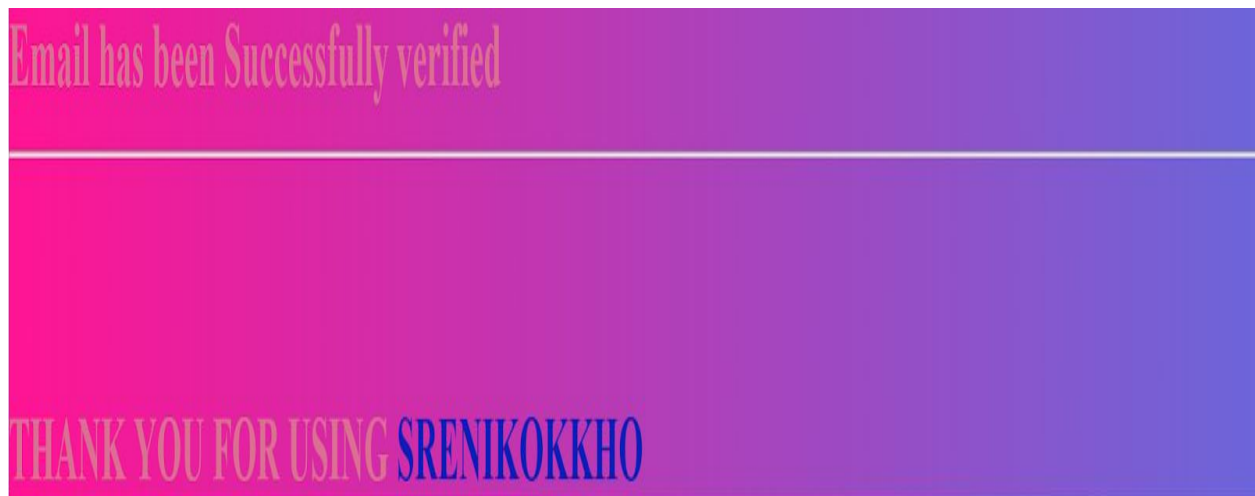


Fig 18: Sent Mail

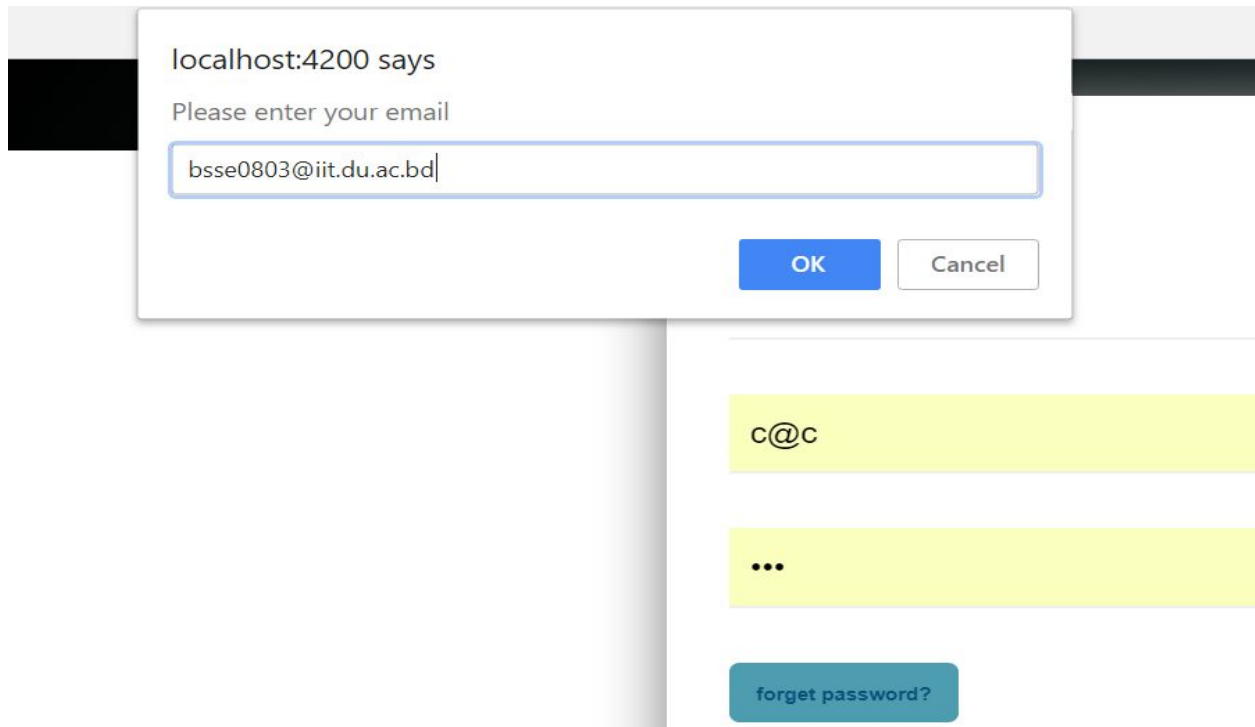


Fig 18: Forget Password



Fig 19: Upload Assignment

Create Assignment

Assignment Title

title

Assignment Description

Deadline

Mo Tu We Th Fr Sa Su

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31 1 2 3

4 5 6 7 8 9 10

Select Today To current month To Jan 2018

12 : 00 AM

Drag and Drop a File

or choose a file...

Fig 20: Upload Assignment Files

Upload Statement

STATEMENT TITLE

title

STATEMENT DESCRIPTION

Or Upload with file attachment

Create

Fig 21: Upload Statement

Upload Statement

Statement Title

title

Statement Description

Upload file:

Drag and Drop a File

or choose a file...

Number of files uploaded: 0

Fig 22: Upload Statement files

Drag and Drop a File

or choose a file...

Number of files uploaded: 0

Upload to:

Home

Go back

Fig 22.1: Upload Statement files

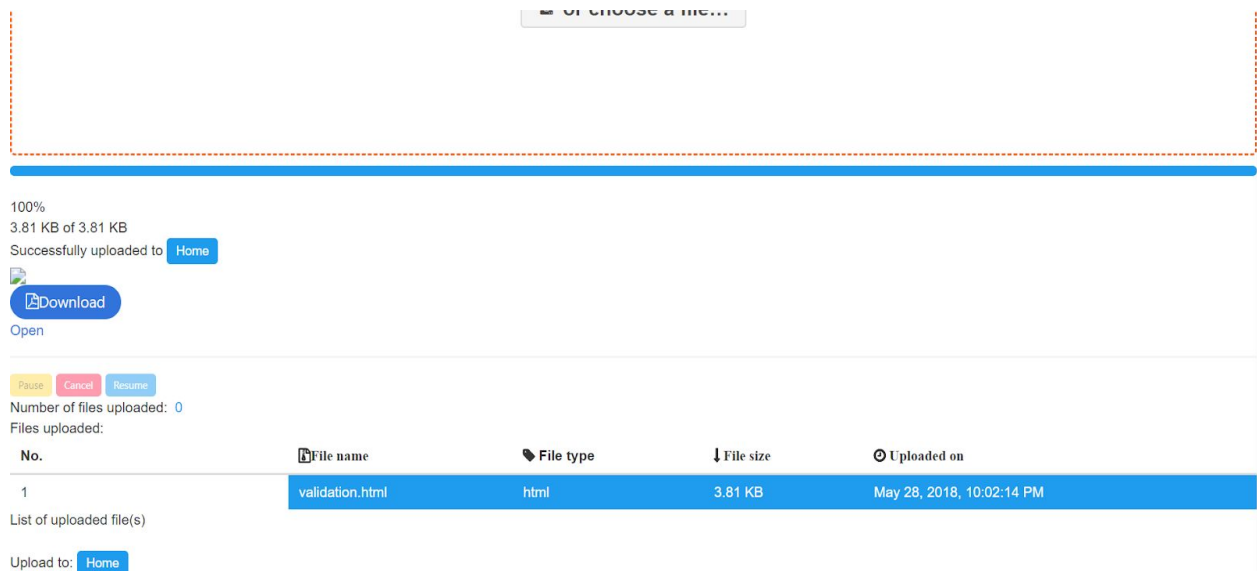


Fig 22.2: Upload Statement files

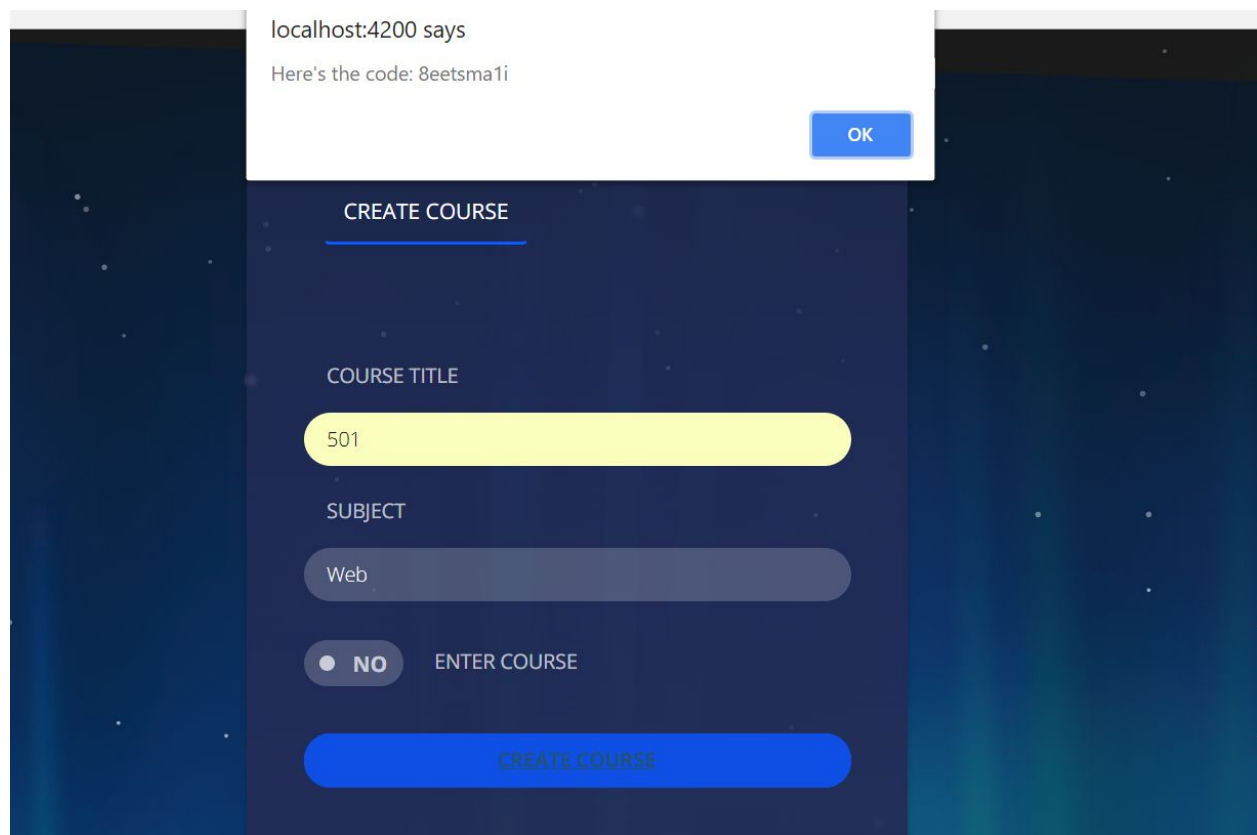


Fig 23: Create Course

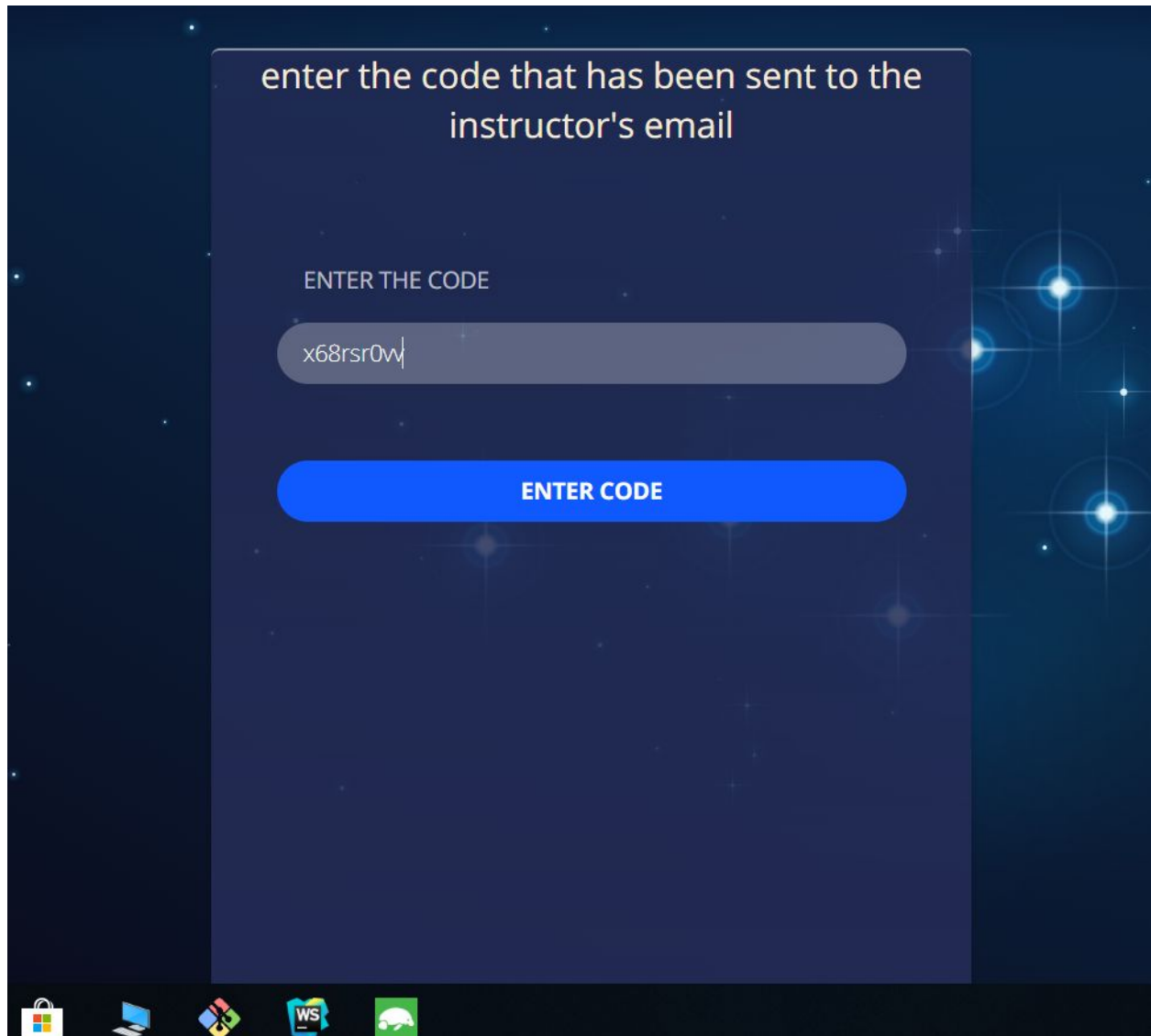


Fig 24: Join Course

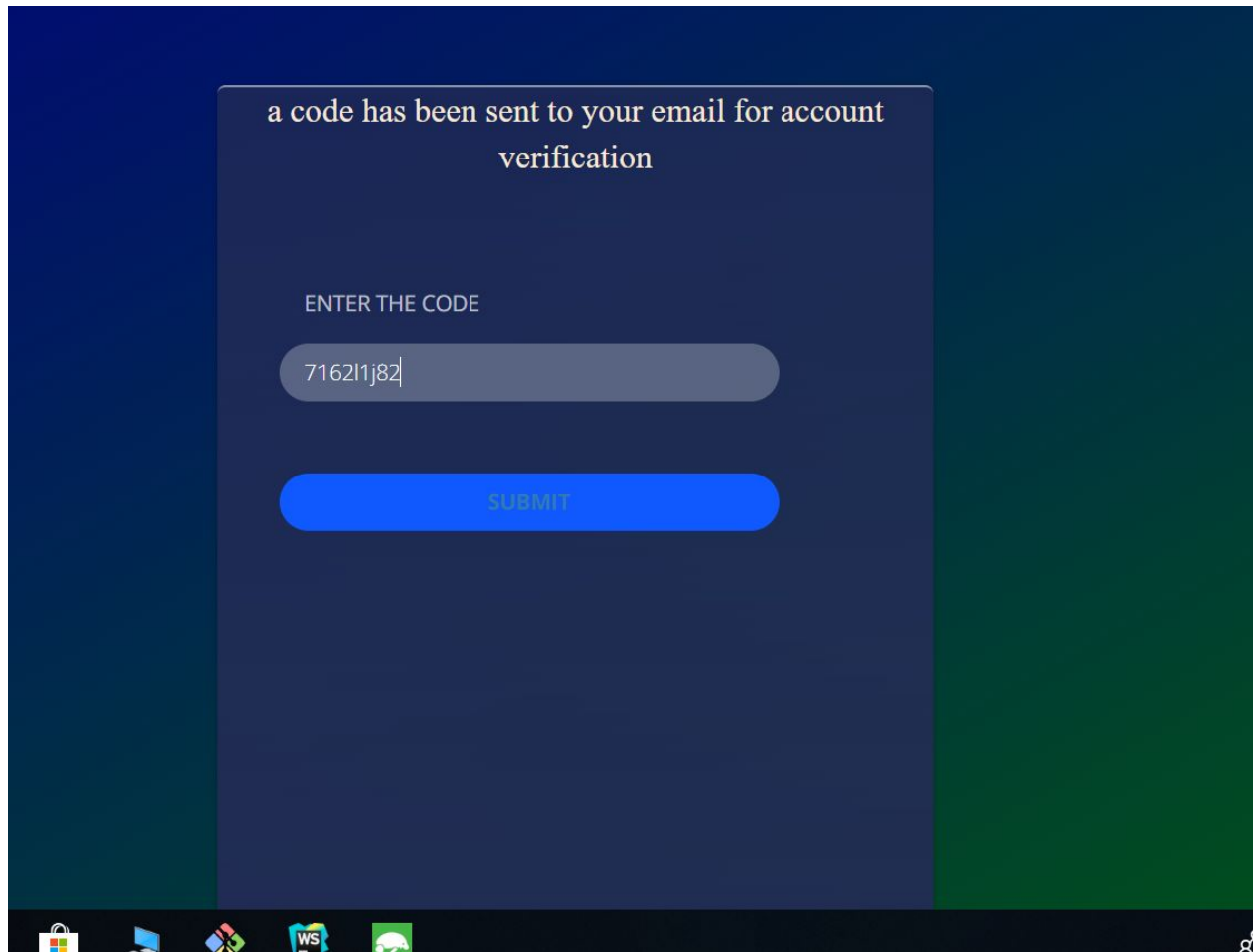


Fig 25: Forget Password