Assignment 1

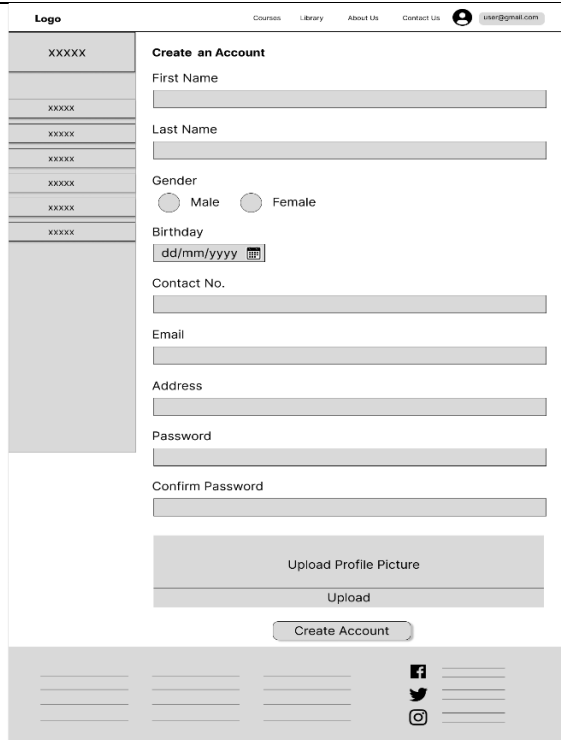**SE3080 – SPM**   **Semester 2**

Group No:	SER032
Brief description of the project	Introducing means to free education so as to solve many problems caused by the pandemic and socio-economic crisis, is identified as the focus of this project. Teachers are registered to the system by the admin in order to ensure that the person being registered as a teacher is qualified for the position. Students can register themselves to the system. Once registered, teachers can upload course materials to the system that the registered students will be able to access after enrolling themselves in courses. The system requires signing in for a selection of services, to ensure security. The system is expected to be used by teachers who are at one with the concept of free education, and students who are struggling to get quality education online. Students are provided with library facilities so that students can read up on subjects in addition to the available course material, further ensuring quality of education provided through the system.
INDIVIDUAL DETAILS OF GROUP MEMBERS	
Registration No	IT20149994
Student Name	Piyumantha H. P. A. H.

Function(s) **Note**: Include the functions required to complete for both **sprint 1** & **sprint 2**	**Sprint 1** • Guest Student Creates an Account • User Logs In to the System • Student Updates Profile Details • Admin Registers Teacher to the System • Teacher Updates Profile Details **Sprint 2** • User changes Account Password • Admin Views List of Students • Admin Generates Report of Registered Students • Admin Views List of Teachers • Admin Generates Report of Registered Teachers

	Picture of interface 1	**Brief description of interface 1**
Sprint 1		**Purpose**: Allowing guest students to register to register to the system. **Flow:** Guest student decides that they want to register to the system after previewing the services provided by the system. **Good Practices:** Guest student is restricted from creating an account unless all required fields are filled in. Radio Buttons are used in gender field. Calendar is displayed in Birthday field.

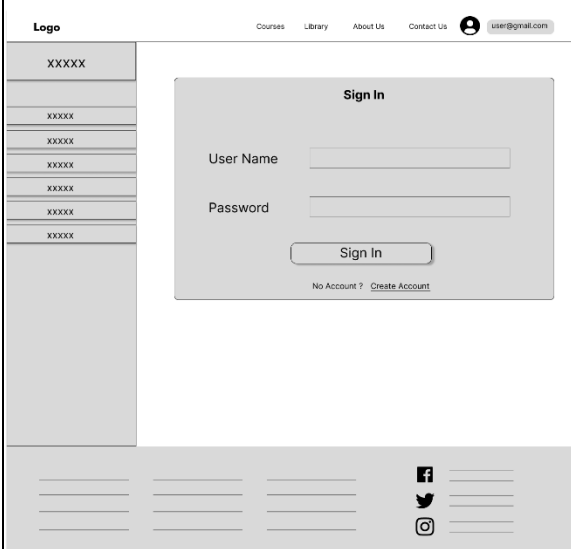| Picture of interface 1	Brief description of interface 1
Logo Courses Library About Us Contact Us user@gmail.com XXXXX **Create an Account** First Name Last Name Gender ○ Male ○ Female Birthday dd/mm/yyyy Contact No. Email Address Password Confirm Password Upload Profile Picture Upload Create Account	

Picture of interface 2	Brief description of interface 2
Logo Courses Library About Us Contact Us user@gmail.com XXXXX **Sign In** User Name Password Sign In No Account ? Create Account	**Purpose:** Allowing users to log in to the system. **Flow:** User has decided to log in to the system. **Good Practices:** User is shown an alert if correct credentials were not entered.
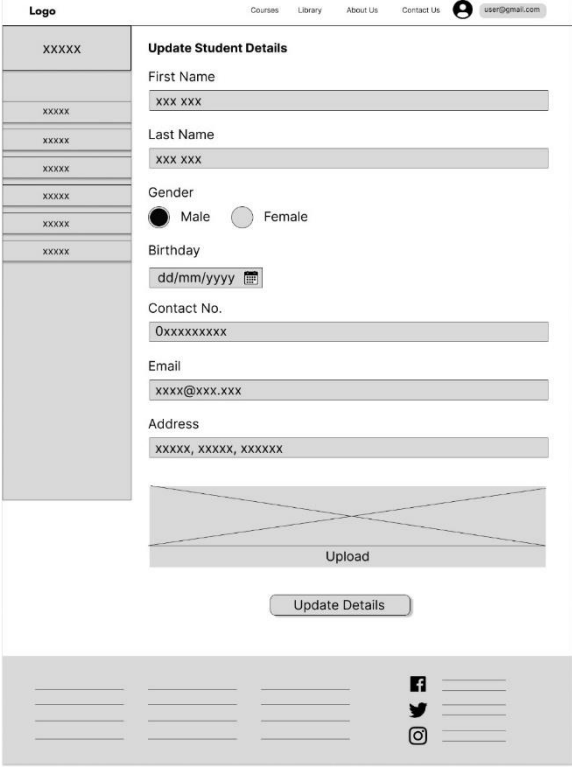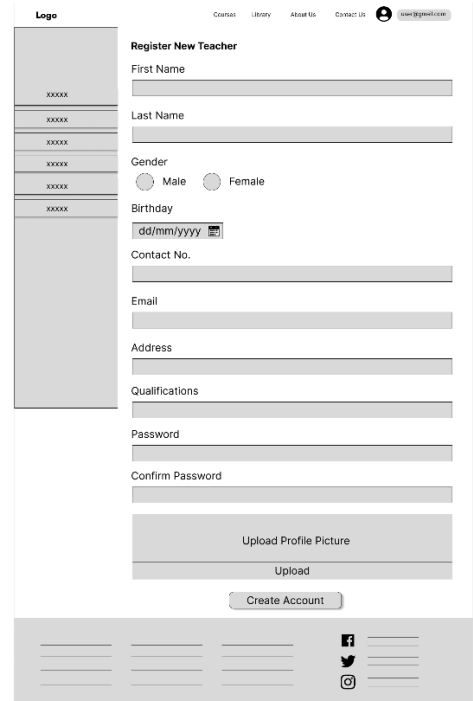
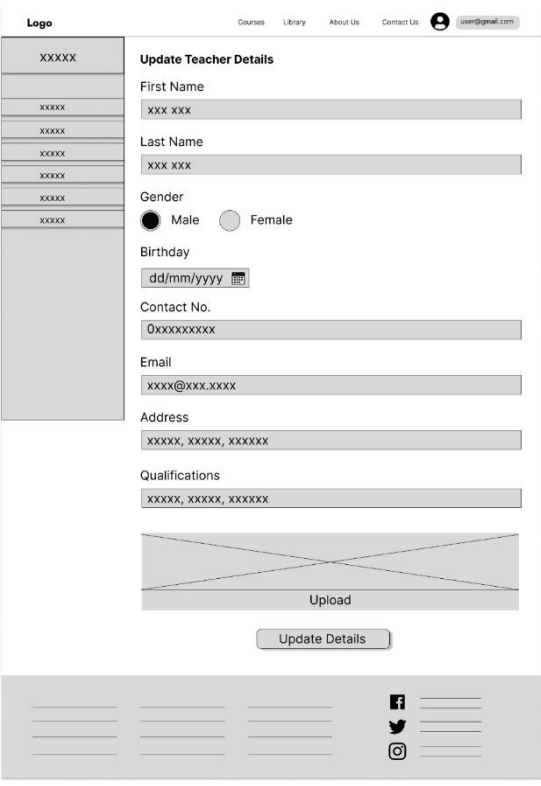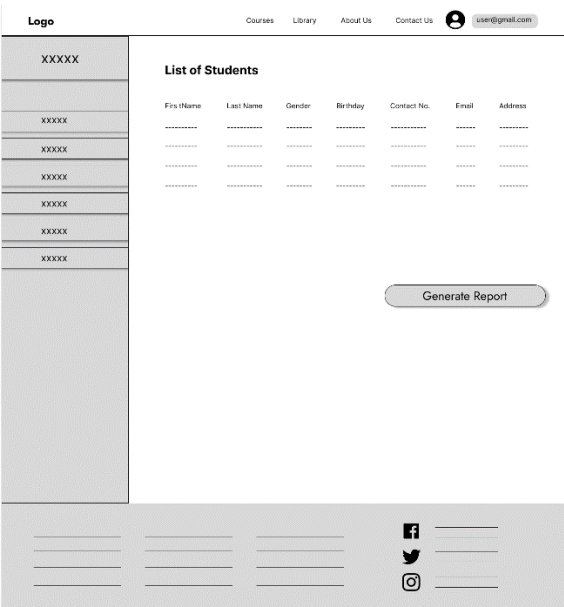|	Picture of interface 3	Brief description of interface 3
		Purpose: Allowing students to update their existing information. **Flow:** Student has identified a change that should be reflected in their profile. **Good Practices:** Checks whether the student has filled in all required form fields. Radio Buttons are used in gender field. Calendar is displayed in Birthday field.
	Picture of interface 4	Brief description of interface 4
		Purpose: Allowing admin to register teachers to the system. **Flow:** Admin is requested to register a teacher to the system. **Good Practices:** Admin is informed of any fields that are not filled in. Radio Buttons are used in gender field. Calendar is displayed in Birthday field.

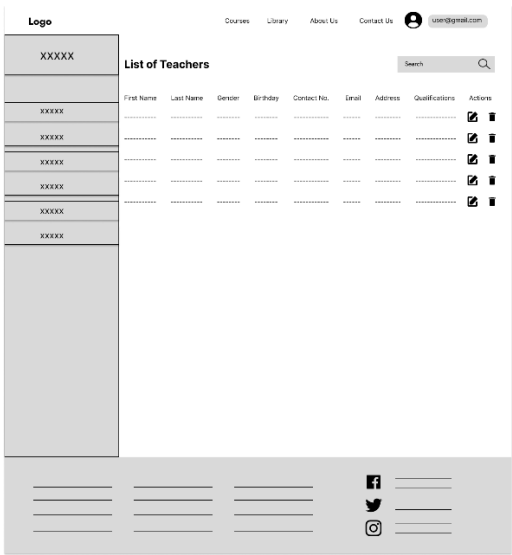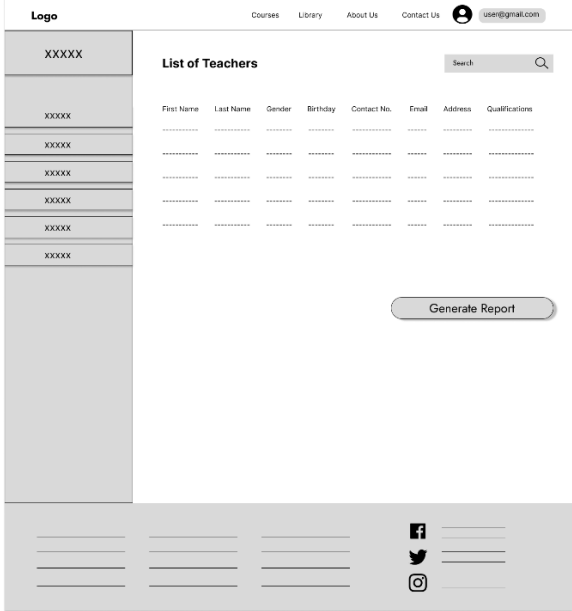| Picture of the interface 5	Brief description of interface 5
	Purpose: Allowing teachers to update their existing information. **Flow:** Teacher has identified a change that should be reflected in their profile. **Good Practices:** Checks whether the teacher has filled in all required form fields. Radio Buttons are used in gender field. Calendar is displayed in Birthday field.
Picture of the interface 6	Brief description of interface 6
	Purpose: Allowing a user to reset password of their account. **Flow:** User has decided to change their existing password. **Good Practices:** User will be allowed to change password if only he/she is capable of confirming the newly entered password.

Picture of the interface 7	Brief description of interface 7
	Purpose: Allowing admin to view details of students registered to the system. **Flow:** Admin wants to view information about students enrolled. **Good Practices:** Admin is shown details of students in tabular format. Icons are used to display update and delete.

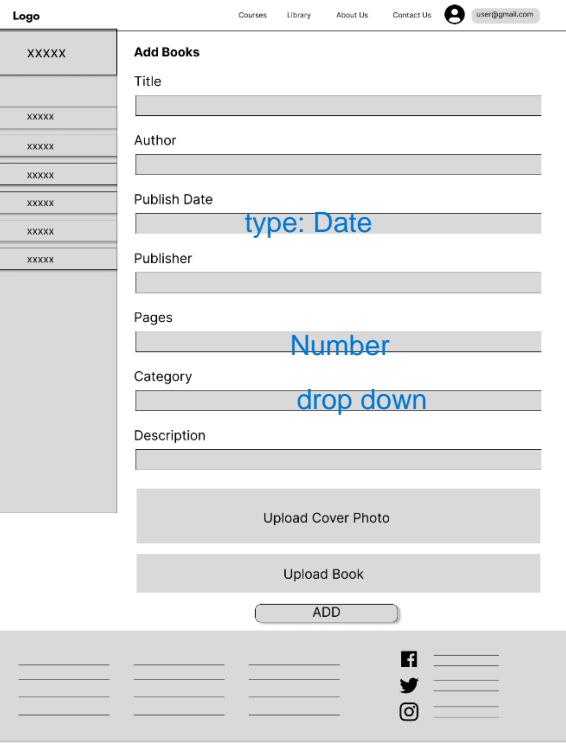| Picture of the interface 8	Brief description of interface 8
	Purpose: Allowing admin to generate a detailed report of the students registered to the system. **Flow:** Admin decides to generate a report of all the students registered to the system. **Good Practices:** Admin is shown a clear preview of the report that will be generated.

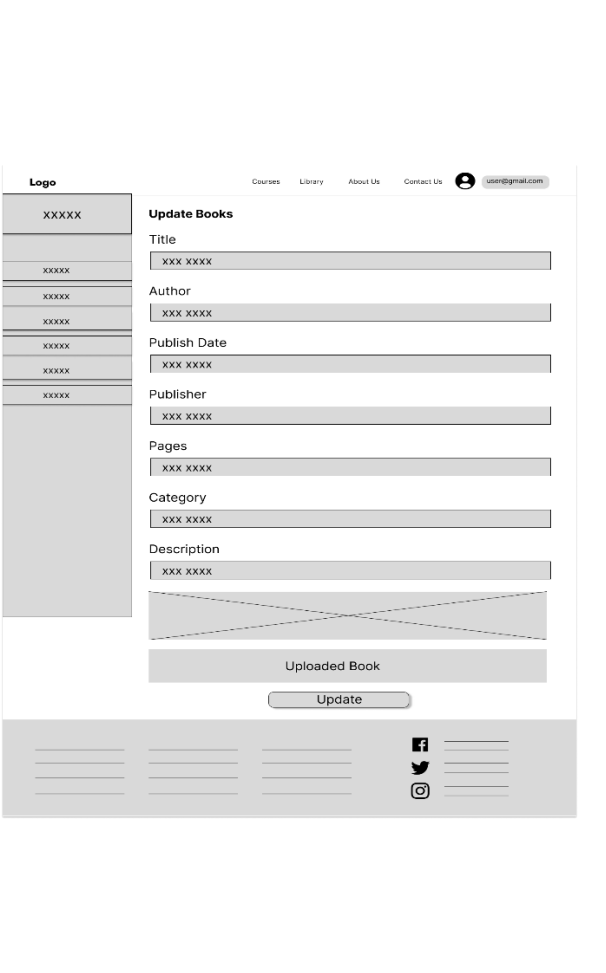| Sprint 2	Picture of interface 9	Brief description of interface 9
		Purpose*:* Allowing admin to view details of teachers registered to the system. **Flow***:* Admin wants to view information about register teachers. **Good Practices:** Admin is shown details of teachers in tabular format.
	Picture of interface 10	Brief description of interface 10
		Purpose: Allowing admin to generate a detailed report of the teachers registered to the system. **Flow:** Admin decides to generate a report of all the teachers registered to the system. **Good Practices:** Admin is shown a clear preview of the report that will be generated.

Registration No	IT20144012
Student Name	Prabhash D. V. S.
Function(s) **Note**: Include the functions required to complete for both **sprint 1** & **sprint 2**	**Sprint 1** - Admin adds a new book to the library - Admin views list of all available books - Admin updates details of a specific book - User views details of books - User views details of a specific book and download **Sprint 2** - Admin searches for a specific book by title or author name - Admin generates a report of the books the books that exist in the library - User searches for a specific book by title or author name

	Picture of interface 1	**Brief description of interface 1**
Sprint 1	Logo — Courses Library About Us Contact Us user@gmail.com XXXXX XXXXX XXXXX XXXXX XXXXX XXXXX XXXXX **Add Books** Title Author Publish Date — type: Date Publisher Pages — Number Category — drop down Description Upload Cover Photo Upload Book ADD	**Purpose**: Providing admin with the facility to add new books to the library. **Flow**: Admin is requested to add a new book to the library. **Good practices**: Checks whether all the required form fields were filled before submitting the form for adding a new book.

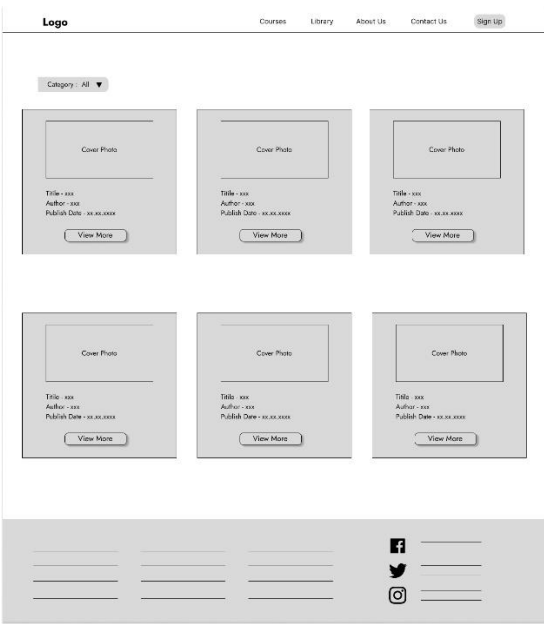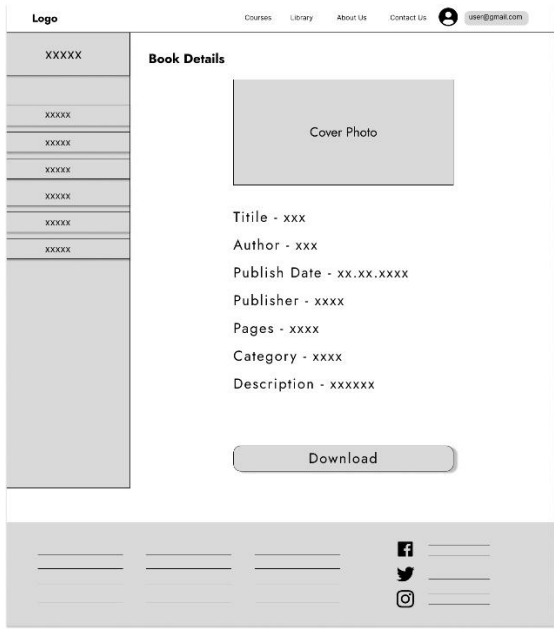|	Picture of interface 2	Brief description of interface 2
		Purpose: Providing admin with the facility to view a list of existing books and delete a book from the list. **Flow**: Admin is in need of making changes to books that exist in the library, or logged in users are in need of downloading a book from the library. **Good practices**: All available books are clearly listed down in tabular format.
	Picture of interface 3	**Brief description of interface 3**
		Purpose: Allowing admin to update details of a certain book. **Flow**: Admin selects a certain book that they want to update information of. **Good practices**: Existing details related to the book are shown in respective fields.

	Picture of interface 4	**Brief description of interface 4**
		Purpose: Allowing users to preview details of a list of books. **Flow**: User wants to preview information of books. **Good practices**: Preview of each book contains of summarized information about the book, and an image of the book.
	Picture of the interface_5	**Brief description of interface_5**
		Purpose: Allowing users to view details of a certain book and download. **Flow**: User selects a certain book that they want to preview information of and download. **Good practices**: Width of the image and font size of text are selected in such a way that the content is spread throughout the page.

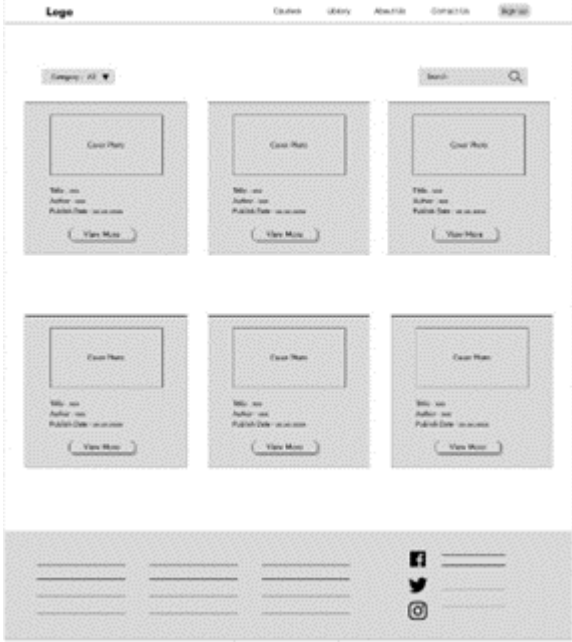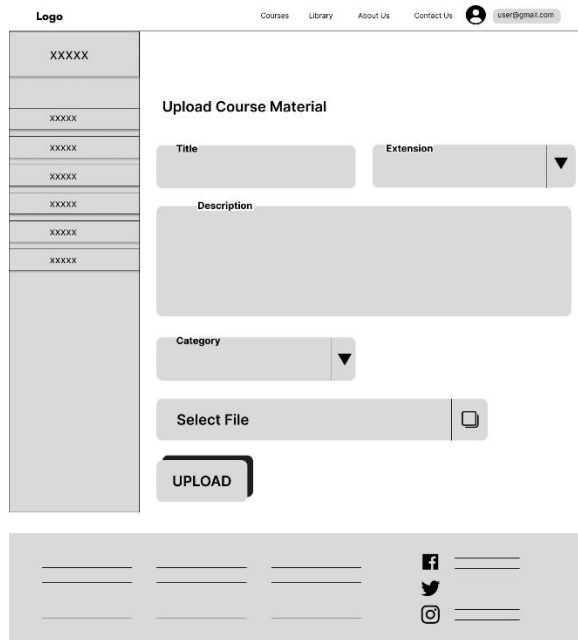| Sprint 2	Picture of the interface_6	Brief description of interface_6
		Purpose: Allowing admin to search for a book from the list of all books. **Flow:** Admin decides to search for a certain book in the book list. **Good Practices:** Search results are actively updated in the view as the search keyword is being typed in.
	Picture of the interface_7	Brief description of interface_7
		Purpose: Allowing admin to generate a report of the details of books that exist in the library. **Flow**: Admin decides to generate a report of existing books. **Good practices**: A preview of what the report would look like, is shown to the user.

Picture of the interface_8	Brief description of interface_8
	Purpose: Allowing user to search for a book from the list of all books. **Flow:** User decides to search for a certain book in the book list. **Good Practices:** Search results are actively updated in the view as the search keyword is being typed in.

Registration No	IT20148768
Student Name	Weerasinghe T. K.

Function(s) **Note**: Include the functions required to complete for both **sprint 1** & **sprint 2**	**Sprint 1** • Teacher uploads course material • Teacher views course material • Student views course material • Teacher updates course material **Sprint 2** • Teacher searches for course material by title • Student searches for course material by title • Teacher generates report

Picture of interface 1	Brief description of interface 1

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Assignment 1

SE3080 – SPM   **Semester 2**

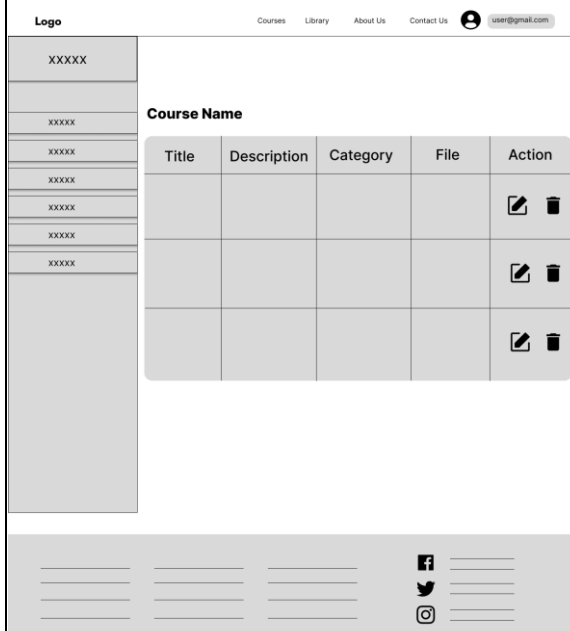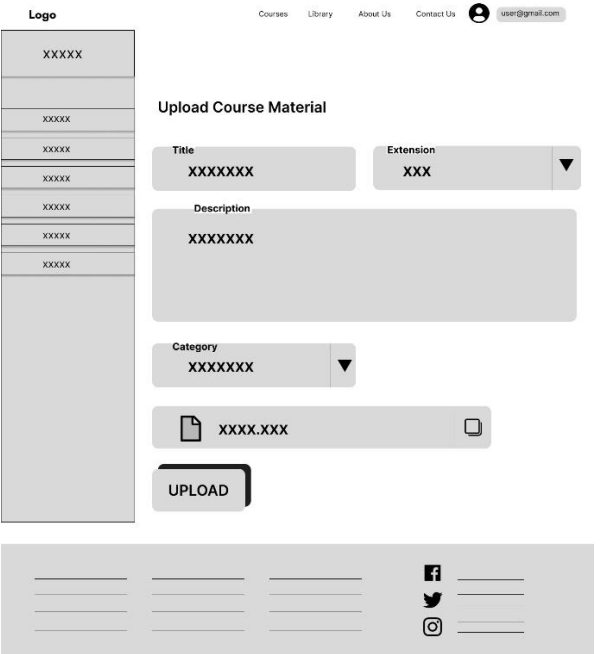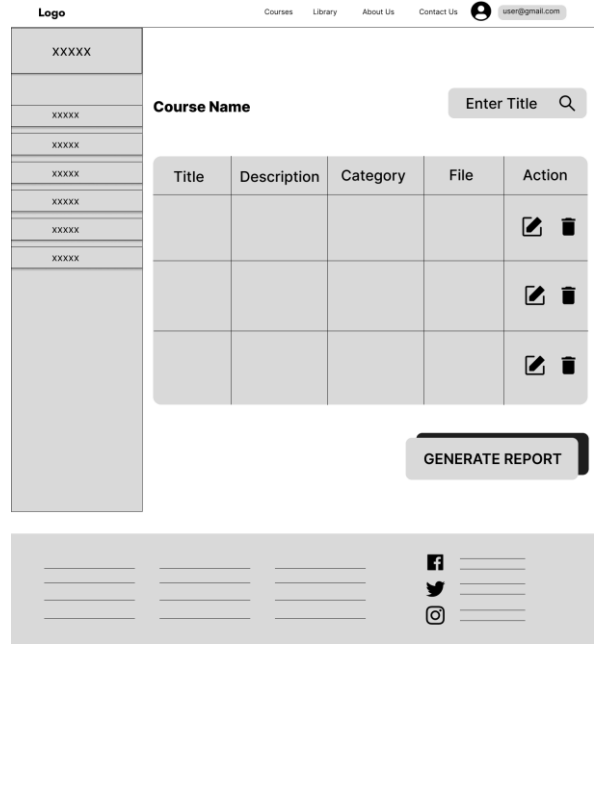|	Picture of interface	Brief description of interface
Sprint 1		**Purpose:** Provides teachers with the functionality of uploading various resources, guidelines, marking rubrics, etc. related to the courses they are providing. **Flow**: Teacher logs into the system, and navigates over to the page where uploading course materials is facilitated. **Good practices**: Users would be warned if they tried to submit the form for uploading course material, without filling in the required fields.
	Picture of interface 2	**Brief description of interface 2**
		Purpose: Allows teachers to view all the course material uploaded to the system, and facilitates updating and deletion of course materials. **Flow**: Teacher logs into the system, and decides to view course materials. **Good practices**: For clear visualization of information, details of course materials would be shown in tabular format.

	Picture of interface 3	**Brief description of interface 3**
		Purpose: Allows students to view all the course material made available to them. **Flow**: Student logs into the system, and decides to view course materials. **Good practices**: Students would be able to clearly see all required information about course materials.
	Picture of interface 4	**Brief description of interface 4**

Assignment 1

		Purpose: Allowing the teachers to update course material they have uploaded. **Flow**: Teacher logs into the system, views uploaded course material, and then decides to make changes to the uploaded course material. **Good practices**: Existing details relating to the course material that is selected to be updated, are shown in relevant fields.
	Picture of the interface_5	**Brief description of interface_5**
Sprint 2		**Purpose:** Allows teachers to view all the course material uploaded to the system, and facilitates updating and deletion of course materials. Additionally, teachers can search for available course materials by the title. **Flow**: Teacher logs into the system, and decides to view or search for course materials. **Good practices**: Results would be filtered as the keyword is being typed in.
	Picture of the interface_6	**Brief description of interface_6**

Purpose: Allows students to view all the course material made available to them, and search for course material by title.

Flow: Student logs into the system, and decides to view or search for course materials.

Good practices: Results would be filtered as the keyword is being typed in.

Picture of the interface_7	Brief description of interface_7
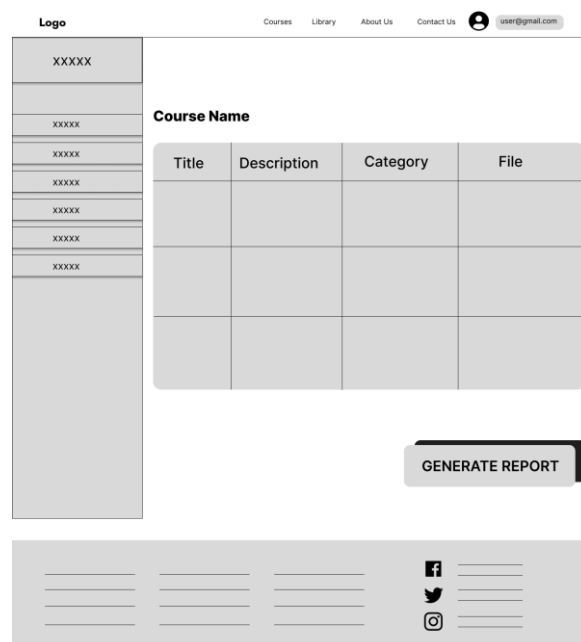
Purpose: Allows teachers to generate a detailed report of the available course material.

Flow: Teacher logs into the system, and decides to generate a report of the available course material.

Good practices: Search bar, update button and delete button would be removed from the preview of the report.
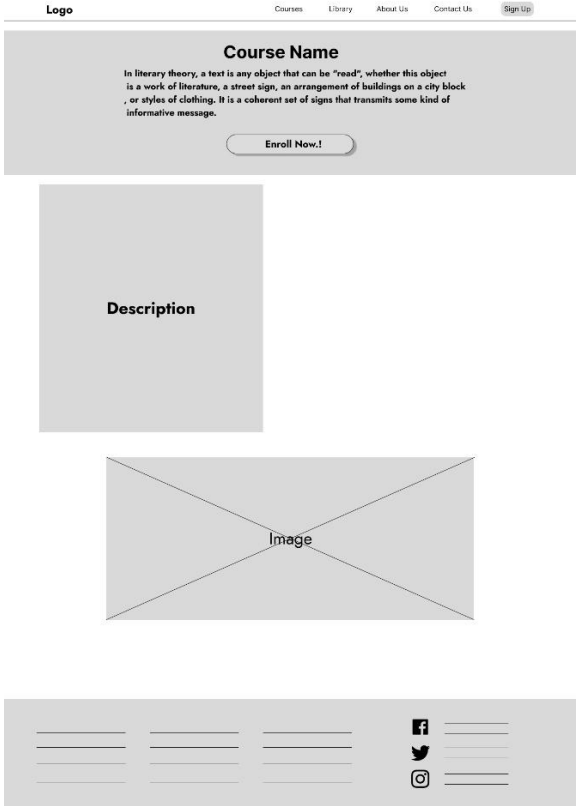
Registration No	**IT20143718**
Student Name	**Weerasiri R. T. K.**
Function(s) **Note**: Include the functions required to complete for both **sprint 1** & **sprint 2**	**Sprint 1** • Course Homepage • Student enrolls to a course • Student views enrolled courses • Student submits feedback • Student updates feedback • Student unenrolls from courses **Sprint 2** • Student searches for courses • Student generates a report of all enrolled courses

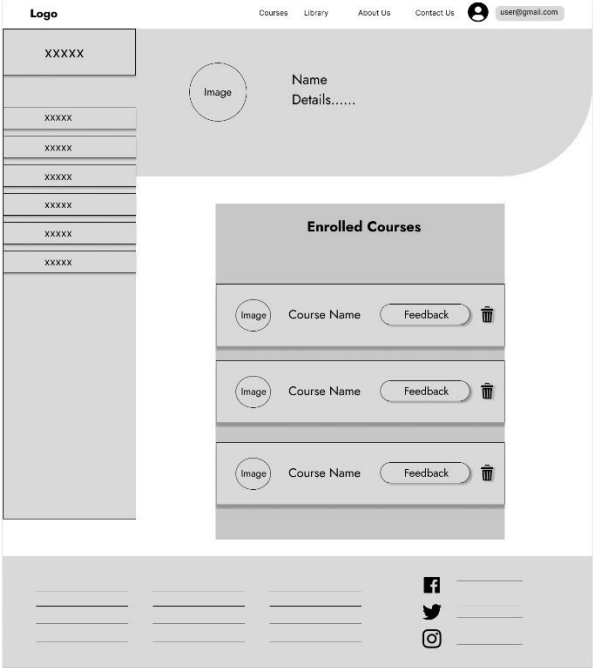| **Sprint 1**	**Picture of interface 1**	**Brief description of interface 1**
		Purpose: Allowing users to view courses they can enroll themselves in. **Flow**: Student logs into the system, and decides to view all courses provided by the organization. **Good practices**: Each course is clearly separated in the view. Pagination is facilitated for a better user experience.

	Picture of interface 2	Brief description of interface 2
		Purpose: Allowing users to view more information about of a particular Courses and have ability to enroll to the relevant course. **Flow**: Student logs into the system and decides to view more details about a course and enroll to the course provided by the organization. **Good practices**: Every course is clearly described in more detail and student can easily enroll to the course
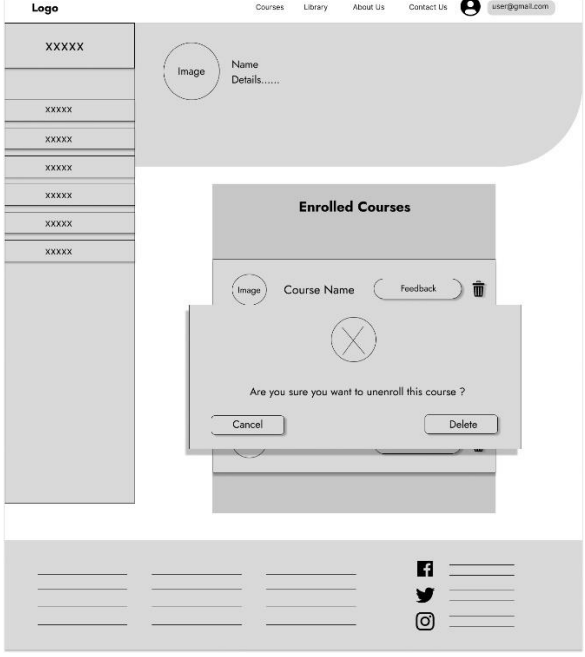
Picture of interface 3	Brief description of interface 3
	Purpose: Allowing students to view courses they have enrolled themselves in. **Flow**: Student logs into the system, and decides to view all courses they have enrolled in. **Good practices**: Each enrolled course is clearly separated.

Picture of interface 4	Brief description of interface 4
	Purpose: Allowing students to submit feedback on various courses. **Flow**: Student decides to give feedback on a course they have enrolled themselves in. **Good practices**: If any required field is not filled in, student will be shown an error message at the time of submission.

Assignment 1

Picture of the interface_5	Brief description of interface_5
	Purpose: Allowing students to update feedback they have given. **Flow**: Student decides to update feedback they have given on a course. **Good practices**: Previously entered information is shown in relevant fields.
Picture of the interface_6	**Brief description of interface_6**
	Purpose: Allowing students to remove courses from enrolled course list. **Flow**: Student logs into the system, and decides to unenroll from a course. **Good practices**: Student is shown an alert that ensures student's willingness to unenroll from a course.
Picture of the interface_7	**Brief description of interface_7**

Sprint 2

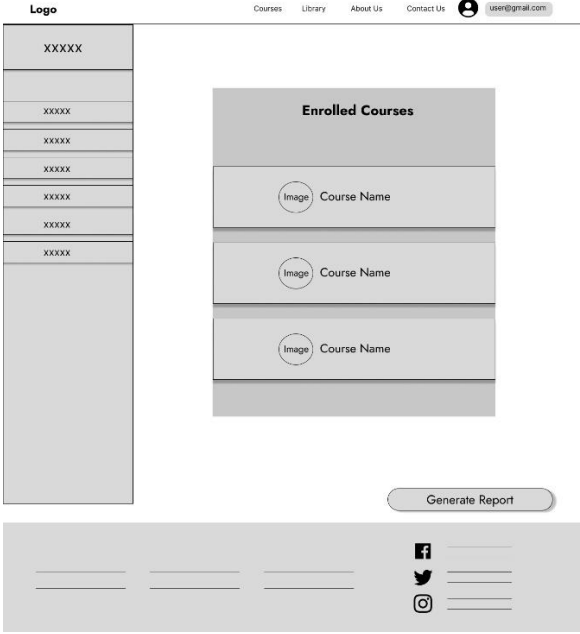**Purpose:** Allowing users to search for courses.

Flow: Student logs into the system, and decides to search for available courses.

Good practices: Courses can be sorted by category. Pagination is facilitated for a better user experience.

	Picture of the interface_8	Brief description of interface_8
		Purpose: Allowing students to generate a report of all the courses they have enrolled themselves in. **Flow**: After reviewing enrolled courses, student is in need of generating a report. **Good practices**: Student is provided with the functionality of previewing the report that would be generated.