

Project Boundless

CSCC01 Final Project

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- Navinn Ravindaran
- Clara Chick
- Winson Yuan
- Brian Kim
- Samyak Mehta
- Divyam Patel
- Aryan Patel

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CRC Cards

Frontend

Pages

Login/Signup

Component name: LoginSignup

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Contains form for the user to submit their login/signup information
- Gives user the option to login/signup with other methods

Collaborators:

- User (Services)

Questionnaire

Component name: Questionnaire

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display questions based on the type of user you signup as
- Gather information based on questions submitted

Collaborators:

- Users (Services)

Dashboard

Component name: Dashboard

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display all pages
- Used to quickly navigate through different pages

Collaborators:

- User (Services)

Course

Component name: Course

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display Course information

Collaborators:

- Course (Services)

Messaging Service

Component name: Messaging

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Send message to registered users

Collaborators:

- User (Services)

Feedback

Component name: Feedback

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display feedback for courses from registered users

Collaborators:

- User (Services)

Giving Garden

Component name: Giving Garden

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Donate money to a non-profit organization
- Recieve Funding from individuals and larger organizations
- Support Impact Learners in courses financially

Collaborators:

- User (Services)

Services

Component name: User

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Create an account
- Delete an account
- Get current user informations

Collaborators:

- User (from Backend)

Component name: Course

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Create a course
- Modify a course
- Delete a course
- Post a file
- Provide overview of course content

Collaborators:

- Course (From Backend)

Components

Dashboard Course Component (only for impact learner and impact consultant)

Component name: course

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display the courses the user is taking/teaching
- Redirects you to create a course for easy access

Collaborators:

- User (Services)

Create Course

Component name: Create Course

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Contains a form for the Instructor to create a new course

Collaborators:

- Course (Service)
- User (Service)

Front Page Header

Component name: Front Page Header

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display sign-in and login-in buttons
- Easy accessible application information

Collaborators:

- User (Service)

Footer

Component name: Footer

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Display contact information
- Links to social media accounts
- Provide links to legal informations

Collaborators: None

Global Search

Component name: Global Search

Parent class (if any): None

Subclasses (if any): None

Responsibilities:

- Search for Users
- Search for Courses
- Search for Document

Collaborators: None

Guards

Component name: Auth Guard

Parent class (if any): None

Subclasses (if any): None

Responsibility:

- Only logged in user are able to have access to the application

Collaborators:

- User (Services)

Backend

User Routes

Component name: User

Parent class (if any): None

Subclasses (if any): None

Responsibility:

- Get information from the database
- Update information from the database

Collaborators: None

Course Routes

Component name: User

Parent class (if any): None

Subclasses (if any): None

Responsibility:

- Upload files and course information to the database
- Recieve files and course information from the database

Collaborators: None

Software Architecture Design



