Logo, company name

Description automatically generated

**Software Project**

***Submitted by***

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**DEVELOPER’S GUIDE**

The project is based on e-learning web application, in which students and faculties can communicate from anywhere, anytime. Faculties can create classes, create assignments, upload study materials, reward the submitted assignments, view feedbacks, download students work. The student user can join classes, view assignments, submit assignments, provide feedbacks and download noted. These are the feature included in the project. The user interface for the entire project appears to be simple and can view all the features. In addition, the users need to register and login to the application in order to access the application.

**About the development:**

The technologies followed are:

* Technology: Angular Framework

Angular CLI is a command-line interface tool that automates the application development process by initializing new Angular applications and maintaining them directly from a command shell

* IDE: Visual Studio

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps.

* Data Base Server: JSON server

JSON Server is a library that connects to a SQL database instance, stores JSON documents in tables and queries JSON documents through a JSON query language

* Operating System: Microsoft Windows/Linux

**Features:**

1. Login
2. Signup
3. Faculty portal
   1. Create class
      1. Course name
      2. Branch
      3. Course code
   2. Logout
   3. View assignments and notes
      1. Create assignment
         1. Name
         2. Description
         3. Attach file
      2. Download
      3. Reward
   4. View anonymous feedback for the class
4. Student Portal
   1. Enter code
   2. Join Class
   3. View assignments
      1. Submit assignments
   4. Download assignments
   5. Give anonymous feedback

**How to run the project?**

Setup/Install the following: Visual studio code, JSON server, Angular framework.

* Open the project where the file is located. Navigate to the same folder in command prompt.
* Execute **npx json-server –watch database.json** command to start the json.
* Execute ‘**ng serve’** command in order to build the server.
* The localhost URL will be generated from which launch the application.(<https://localhost:4200/>)
* After that the application is launched, You can access the web- application.