
Group No. : 9

Project Group Members:

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About the Project:











We are going to build a cloud based Web Application for online learners. Our Web Application will be built using Web languages and frameworks. Users of our application could be anyone who wants to find a course, articles etc. from different online course providers. They will be able to like and share the course, they can add sources to our web application after signup/signin. The links they share will also be available on their dashboard for any updation or deletion. After signup/signin, the user can see the available content and choose the best according to their need and they can also like the links/urls. So that for other users it would be easy to choose the best sources.

We will use Amazon Web Services as a cloud platform. For storage systems we will use AWS S3 (Simple Storage Services). For sending email to users we will use AWS SES (Simple Email Service) and we will use EC2 (Elastic Compute Cloud) for cloud hosting.

Motivation:

The main aim of our project is to target thousands of users to use and engage with our app. We have decided on this project because many people face the same problem when they want to learn something new or they have some skills which they want to share among people, then they can add their content/sources on our web application. In our application many users provide various sources in one place so that learners need not to worry about where to gain new skills. They can choose one of the best sources among these and start learning.

Project Planning:

Tasks	Duration(10 July 2020 To 24 November 2020)				
	July	August	September	October	November
Understanding Problem					
Topic Finalization					
Project Synopsis					
Wireframe					
Mockup + Review					
Learning AWS					
Learning react and other framework					
Content creation					
Model Implementing					
Testing and Review					
Launch					LIVE

Tools required:

1. Hardware Requirements:

>> Personal Computer with minimum of 4GB RAM and core i3 Processor.

2. Software Requirements:

>> Windows Operating System.

>> Integrated Development Environment (IDE) - Visual Studio Code 1.47

>> Apache NETBEANS IDE 11.3

>> GitHub Desktop 2.5.3

>> Adobe PhotoShop version 8

>> Adobe XD version 24

3. Language and Framework Requirements:

>> NodeJS 12.18. 3

>> HTML 5

>> BOOTSTRAP 4 / 5

>> ReactJS 16.9 / 17

>> CSS 3

>> NextJS 9.5.2

>> MongoDB 4.2.8

4. Cloud Platform:

>> Amazon Web Services (AWS)

Signature of Project Guide: