FACULTY OF COMPUTER SCIENCE

Group Information

In
The Class of

CSCI5193: Technology Innovation

By

Team - 8

Aditya Arora [B00872193]
Deep Patel [B00865413]
Divyansh Vyas [B00870641]
Janvi Patel [B00863421]
Jiyuan Zhang [B00785448]
Preetham Tikkavarapu [B00882398]

Submitted to
Prof. Akram Al Otumi

Department of Computer Science
Dalhousie university.

Date: 25th October 2021

Group Members' details:

Member 1:
Name: Janvi Patel
Email Id: janvi.patel@dal.ca
Practical Experience: A team player and navigator. Have experience of 1.5 years at Elegant Microweb Pvt. Ltd., Ahmedabad, India working as a Data Scientist.
Skills:
- Programming Languages: JAVA, Python, C, C++
- Databases: MySQL, MongoDB, SQLite, Neo4j
- Cloud Platforms: Amazon Web Services, Google Cloud Platform, Docker
- Web development: ReactJS, NodeJS, ExpressJS, HTML5, CSS, JavaScript, Bootstrap4
- Version Control and Tools: GitHub, GitLab, JIRA
- Deployment Platform: Heroku, GCP (Cloud Run), AWS (Elastic Beanstalk)
- Other Skills: Leadership, Communication, organizational skills, problem-solving skills

Member 2:
Name : Jiyuan Zhang
Email Id: zh594026@dal.ca
Practical experience: A fourth-year CS student in Dal now. Have worked as an electrical engineer in Xiangtan Electric Manufacturing Group Co., Ltd., China for two years.
Skills:
- Programming Languages: Java, Python, C, C++, R
- Database: MySQL
- Cloud Platforms: Amazon Web Services, Google Cloud Platform, Docker
- Design Platforms & Languages : Computer-Aided Design, Power Factory DigSILENT, PSSE, PLC Programming, MATLAB
- Version Control and Tools: GitHub, GitLab, ASANA

Member 3:
Name: Preetham Tikkavarapu
Email Id: pr836619@dal.ca
Relevant experience: I had a 3-month internship experience at Tech Mahindra. I have worked on the Pega tool as a Pega developer.
Skills:
- Programming Languages: Java, Python.
- Database: MySQL, MongoDB.
- Cloud Platforms: Amazon Web Services, Google Cloud Platform, Docker
- Version Control and Tools: GitHub, GitLab.

Member 4:
Name: Divyansh Vyas
Email: dv435960@dal.ca
Relevant Experience: I did a 6-month internship at Digimation Technologies Pvt. Ltd. as a
Java Developer Intern.
Skill:
- Programming Languages: Java, Python, C
- Database: MySQL, MongoDB
- Cloud Platform: Amazon Web Services, Google Cloud Platform, Docker
- Version Control: GitHub, Gitlab
- Deployment Platform: Heroku, Google Cloud Run, Amazon Web Services - EC2

Member 5:
Name: Deep Patel
Email Id: deep.patel@dal.ca
Practical Experience: Worked for 8 months at Acty System India Pvt Ltd. as a Developer and
worked on Technologies like C#, ASP.Net, DynamoDB, Lambda, RDS, SQL Server Management
Studio.
Skills:
- Programming Languages: Java, Python, Perl, ASP.Net, C#, C++
- Databases: MongoDB, MySQL, Neo4j
- Cloud Platforms: AWS, GCP
- Web Platforms: ReactJS, NodeJS, Express JS, HTML5, SCSS, JavaScript, Bootstrap
- Version Control and Tools: GitHub, GitLab, JIRA
- Deployment Platform: Heroku, GCP (Cloud Run), AWS (Elastic Beanstalk)

Member 6:
Name: Aditya Arora
Email Id: ad649756@dal.ca
Practical Experience: Worked 3 years in Blockchain and Data Science consulting and distributed
ledger implementation.
Skills:
- Programming Languages: Go, Python, R, NodeJS, C++
- Cloud Platform: AWS, Azure

Roles:

Members' Name	Role
Janvi Patel	Facilitator
Deep Patel	Decider
Jiyuan Zhang	Customer Expert
Aditya Arora	Marketing Expert
Preetham Tikkavarapu	Design Expert
Divyansh Vyas	Finance Expert

Design Challenge:

Ensure Healthy lives and promote well-being for all at all ages:

In today's hectic lifestyle people easily forgets about the most important aspect of life – "Health", which begins with a healthy diet. In Northern America, almost 38.41% of the population is consuming fast food at least three times a week. People easily avoid a healthy diet which is essential for well-being to save time for their work, studies, and even for entertainment. Eating unhygienic food such as canned food with preservatives can lead to long-term health problems which can be easily avoided with proper intake of regularly maintained food consumption. Thinking about the healthiness of the food a proper diet and food containing the regulated amount of nutrition can also help many individuals with hygienic problems, athletes, and health-conscious people.

Idea:

To tackle this problem, we offer a system that is focused on homemade food delivery – "The Lunch Box". The main focus of the idea is to introduce a healthy lifestyle in terms of homemade food service where target audiences could be International Students, Athletes, and Poor People. The people with hectic schedules and old age people could also be a part of the customer segment. This platform provides options to select the 7 days meal generation from several options considering diet and nutrition with offering food delivery. Apart from that, membership subscriptions – Gold, Silver, Platinum can attract customers by providing offers on weekdays, free delivery, and nutrition advice. One of the major key features of our system is people can include their occupation, disease, diet plans to get the food accordingly. Proper diet and hygienic food can be the first step towards a healthy lifestyle.