

Project Inventory - Sarabjot Kaur						
Web1909B						
Last revised: 4 January, 2020						
Project Name	Primary Languages & Techs Used	Project Description	Project Type	Team Details	Completed? (Yes/No)	Uploaded on Github? (Yes/No)
Famous Places	Android, Google Map	<ul style="list-style-type: none"> Developed, designed and implemented Android application where users can register into the system if they wished to explore various famous places in Montreal. On each click of a specific place, its location shows on Google Maps where users can easily find these places. For this solo project, I used shared preference, adapter, list view. 	Mobile App	Solo project	Yes	Yes
Tic Tac Toe	JavaScript, NodeJs, React	<ul style="list-style-type: none"> After registering into the game, users can play Tic Tac Toe and have the chance to win the game by getting a high score from the opposing team. This project was developed for three different categories: JavaScript, NodeJs, React. 	Web Application	Solo project	Yes	Yes
Memory Game	JavaScript	<ul style="list-style-type: none"> User can start the game with a timer running, then the user can shuffle the first card and then shuffle the second card. If the second card is exactly the same as the first card then the user score increases and has the chance to win this game with limited time. I worked on the structure of the project and functionality of card shuffle. 	Web Application	Team of 2 - Aditya, Sarabjot	Yes	Yes
Dating Site	PHP, Database	<ul style="list-style-type: none"> Develop a dating website where users can register, login and find their ideal partner. Users can view and modify their profile, favorite users list. I implement the architecture of the project, design and database part. 	Web Application	Team of 2 - Aditya, Sarabjot	Yes	Yes
Travel Guide	HTML, CSS	<ul style="list-style-type: none"> Website based on travel guides of India which guide tourists to explore and visit more beautiful places. In this project, my responsibility was to divide the task properly. Animations were also done. According to the size of computer, tab, mobile website works. 	Web Application	Team of 2 - Aditya, Sarabjot	Yes	Yes
Social Spark	Java, Database	<ul style="list-style-type: none"> We build a Social Media Platform where users can go and register themselves. Users can create, delete, edit, save, like, unlike post. Users can add, remove and block friends. Messages sent by users to other users and users also view messages. In this project, I have done the architecture of the project, registration process, posts part. 	Web Application	Team of 2 - Yashwanth, Sarabjot	Yes	Yes
Library Management System	C#	<ul style="list-style-type: none"> Project follows the system of the library where it has information regarding which users borrow and issue which book. Solo project where I designed, implemented and developed the whole project. 	Web Application	Solo project	Yes	Yes
Boat	Java	<ul style="list-style-type: none"> Graphical Swing application that simulates the functionality of a boat. The boat has a position and a velocity, and moves gradually over time, based on the velocity. It also has a fuel tank, which has a maximum capacity. User is able to start, stop the boat. In this project, I worked on the architecture and functionality part. 	Web Application	Team of 2 - Naman, Sarabjot	Yes	Yes

Travelling Merchant	C++	<ul style="list-style-type: none"> • Application that simulates a merchant, controlled by the user. The merchant is traveling from one city to the next, selling and buying products on the black market. Sometimes, when traveling between two cities, the merchant is caught by the authorities, who apply penalties to the merchant. The game whose goal is to avoid losing all money. • In this project, my duty was to implement the architecture and functionality of the project. 	Web Application	Team of 2 - Naman, Sarabjot	Yes	Yes
Banking System	C++	<ul style="list-style-type: none"> • Display menu regarding add, remove bank account, display information of particular client's account, deposit to account withdrawal from account, sort and display list of clients, display the total balance, average balance. • In this project, my responsibility was to add, remove bank accounts, sort and display the list of clients. 	Web Application	Team of 2 - Deeksha, Sarabjot	Yes	Yes
Diet & Exercise	HTML, CSS	<ul style="list-style-type: none"> • To help users to follow a proper diet and exercise regularly so users can feel healthy and strong. Some videos also describe how to follow a proper diet and do exercise. • In this project, I have done the design and implementation of Diet and Health Page. 	Web Application	Team of 2 - Deeksha, Sarabjot	Yes	Yes
Food Guide	HTML, CSS	<ul style="list-style-type: none"> • Food guide provides dietary guidance for members of the population two years of age and older. • In this solo project, there were some videos added regarding the guidance in diet. 	Web Application	Solo project	Yes	Yes
Activity Tracker	PHP, HTML, CSS, Database, Docker	<ul style="list-style-type: none"> • With registration users can add any activity in the activity tracker by selecting add an activity in the menu. Users can also add any category under activity. Multiple categories can be there under each activity. Users have to give a time limit and date to each category and the user can view a list of their categories. Users can edit, delete the category as well as activity. • In this project, I have done the login, registration, view all activity list, search bar activity list, create category, edit category, delete category, list of activities in category, SQL migrations, deployment on the server. 	Web Application	Team of 6 - Megha, Yashwanth, Mukesh, Rohit, Sai, Sarabjot	Yes	No
Docket	Next.js, Python	<ul style="list-style-type: none"> • Docket is a comprehensive project management solution that combines all the features required for teams to manage software development processes, where teams can create projects, create tasks, create sprints and assign team members to it and track the progress of it. It also involves brief analytics to each and every person in the team by spreading out the task as a timeline. • In this project, I implement the back end part. I create project, board, tasks, user permission, team api and also create all database models. 	Web Application	Team of 5 - Sriram, Megha, Yashwanth, Naman, Sarabjot	Yes	No
EmberCRM	Android, DAO	<ul style="list-style-type: none"> • With registration users can take appointments regarding salons at a particular time and type. List of all users also shown after registration. • In this project, I worked on the architecture of the project, database part, implementation of api's (JSON, Retrofit). 	Mobile Application	Team of 3 - Ajay, Rahul, Sarabjot	Yes	No

Ewave	Android, Encryption- Decryption	<ul style="list-style-type: none"> • Users after login can download the different sound files and after download user play that sounds according to the requirement of the client. • In this project, my responsibility was to work on implementation parts of api's and download files with encryption and play files with decryption. 	Mobile Application	Team of 2 - Shavneet, Sarabjot	Yes	No
Service Provider	Flutter, Firebase	<ul style="list-style-type: none"> • This project is based on client relation management with the company. • In this project, I have done the design part and functionality of login, registration, forgot password, home page. 	Mobile Application	Team of 2 - Shavneet, Sarabjot	No	No