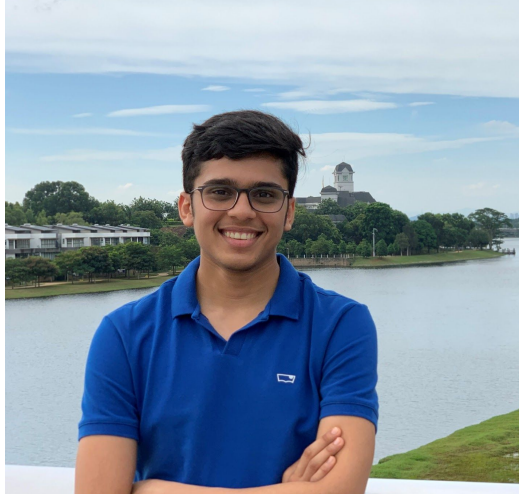**ParkWise**
Park N' Go

Contributors: Het Patel, Niraj Patel, Hardik Hajela, Nidhi Patel, Nandini Patel

Main Contact to Professor & Mentor: Niraj Patel

Our team consists of 5 contributors pursuing 3rd year in Computer Science. All of us come with a dedicated mindset in delivering a complete working system. Our team is familiar with each other, which makes it easy for us to openly communicate and implement ideas smoothly. In terms of technical knowledge, we come from diverse backgrounds covering areas like front-end development, back-end development, and database management systems. In this project, we strive on bringing changes in the parking system so it's cheaper and convenient for people to park in busy cities.

20/09/2020

Het Patel

Pursuing 3rd year (2nd half) of Computer Science with specialization in Software Engineering. Over the period of five semesters, I have gained theoretical and practical knowledge in tools and technologies like C, Java, PHP, HTML5, CSS3 and database systems like MySQL. Using my knowledge I constantly engage in side projects that help me build solid foundations in frameworks like Node.js, React.js, Java Spring. With a primary focus on back-end development, I aim to contribute to the project with planning of the iterations and business logic related work.

Niraj Patel

Aspiring software engineer currently attending UWin as a 3rd year CS student. I am always looking for new things to learn whether that's theoretical concepts from university of practical knowledge from internships or just new things in my free time. Some of the technologies that I am proficient in are Python, C, Java, Pandas, NumPy, Flask and many more. I have taught myself the importance of databases and learned SQL, SQLite, MySQL, and PostgreSQL. My interest has been in backend development and data science. But I have started learning HTML, CSS and JS.

Hardik Hajela

Hello there, I'm Hardik. Third year Computer Science student specializing in Software Engineering, a part time business owner and a full time explorer of ideas, innovations and perspectives. A curious person seeking knowledge all around, loves to travel and try new things. The thing that fascinates me the most is problem solving, hence CS was my thing from day One. I like to code in Java, Python and PHP. Getting educated about and working within the IT industry, it seems that being a part of this, we can really help people, and bring more ease and fluidity to their lives. My aim in life is to leave with more delighted faces than possible.

Nidhi Patel

I'm a third-year student in the field of Computer Science applied computing(Honours) degree program. Ever since I was a child, I always loved working with computers. Some skills I've learned over the years are Python, MySql, Node.js, JavaScript, HTML, CSS, React.js, and Java. I'm someone who enjoys working with the front-end of Software Development but over the years I want to expand my knowledge further and learn full-stack as well.

Nandini Patel

3rd year in Computer Science specializing in Software Engineering. Detailed-oriented, curious, eagerness to learn is how I describe myself. I constantly upskill my knowledge and enjoy making personal projects. My contribution to hackathons and other competitions allows me to learn new skills and grow my network. Technical proficiencies include Java, MySQL, MongoDB, JSP, React, Redux, Node, Firebase for back-end and JavaScript, HTML5, CSS3, Bootstrap for front-end. Aiming to become a Full-Stack Developer.

First Meeting Summary

In our first meeting, we reconnected with each other and learned a little bit about each other's skills and previous experience. Before the meeting, everyone was asked to brainstorm a few ideas for the project, so we took turns discussing the ideas and took everyone's opinion on it. After analyzing each idea thoroughly as a group, we decided on the most interesting and practical topic to us. We also decided the communication platform, frequency of meetings, and our next step towards the project.

Team Agreements

In order to successfully complete this project the team has chosen the main method of communication to be on Microsoft Teams. We decided to use Teams for many reasons, mainly because of its functionality such as scheduling a meeting and its ability to use Jira as a bug tracking tool if in future we decide to utilize it. Some of the agreements that we have come to as a team are mainly what product we are going to be using. We first made a google document and brainstormed all the ideas that we could think of. From there on, we discussed each idea on whether it is doable in the timeframe we are given, if the idea itself is attractive or not and etc. After deciding on the idea we decided to come up with a name and technologies we are going to be using to create the project. Because one of our team members is in another time zone, we have decided to have a weekly call using Teams to discuss various things, such as software development, status of the task we are given and etc. We will also be using GitHub and its project management system to track bugs that may come up in our software. In order to create this project successfully, we have planned to have a weekly meeting with our Mentor Harshdip. We have not decided on the exact time of the meeting as of now but we plan to have it after our weekly meeting. This way we can update our mentor on issues we may be facing or just questions that we may have for him. This will be very helpful to us since this is our first time creating something this big. We will need his advice to guide us on what technology/tech stack to use. We have also decided that Niraj Patel will be in contact with the professor and the mentor, this way we can avoid confusion for both recipients. Not to mention, we as a team will all review the content and material to make sure it is all correct and updated. In the case of any mishaps, for example a team member missing meetings, failing to meet deadlines, or team members being academically dishonest, we have decided that we as a team will have a serious discussion with the team member and if need be we will include the professor in the meeting as well. Lastly, we have decided that each team member will spend 6-10 hours per week working on the project so the work is equally divided amongst everyone.