GPSV Team's Project Journal

Sprint-1:
Duration:

2/27/2020	3/2/2020

What we did:

Sprint-1. Identifying and grouping of Project Team. Setting up git	
We decided what the high-level requirements are	All
Planning timeline of the project	Gulya Timokhina
Decided when we were going to be meeting regularly	Poornapragna Vadiraj
We reread the requirements and brainstormed the possible design patterns that it can have	Mirsaeid Abolghasemi
Created Github repo and updating links	Varun Bhaseen

Sprint-2:
Duration:

3/5/2020	3/9/2020

What we did since the last sprint:

Sprint-2: Requirement Analysis and Requirement Engineering	
Create initial Class Diagrams	Mirsaeid Abolghasemi
Create initial Sequence Diagrams (System Administrator)	Varun Bhaseen
Create initial Data Flow Diagrams (System Admin and Users)	Gulya Timokhina
Create initial Activity Diagrams	Poornapragna Vadiraj

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Sprint-3:
Duration:

3/12/2020	3/16/2020

What we did since the last sprint:

Sprint-3: Requirement Analysis and Requirement Engineering	
We changed the architecture a little (based on requirements)	Mirsaeid Abolghasemi
We changed the architecture a little (based on requirements)	Varun Bhaseen
We changed the architecture a little (based on requirements)	Gulya Timokhina
We changed the architecture a little (based on requirements)	Poornapragna Vadiraj

Sprint-4:
Duration:

3/19/2020	3/23/2020

What we did since the last sprint:

Sprint-4: Development environment setup on Local Machines	
We set up the basic project on Varun's local machine Then we set up the git repo and made sure that all the team members had access to it	Varun Bhaseen
We came up with the following Tables: User / Customer Membership Location Vehicle Reservation	All
Set up the initial tables to make sure it works	Gulya Timokhina
Added bootstrap to a single page	Gulya Timokhina
Come up with different tech stacks and decide on one, based on The pros and cons	All

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Sprint-5:
Duration:

3/26/2020	3/30/2020

What we did since the last sprint:

Sprint-5:	
Developing a home page for our Car rental project. Includes methods and functions for login page, buttons, etc.	Mirsaeid Abolghasemi
Removing error and bugs from base code and making it compatible to run alongside the home page	Varun Bhaseen
Integrating multiple functions in a single function to have an integrated code. This minimizes code change tracking and easier to check delta. Also fixed multiple broken functions	Poornapragna Vadiraj
Build database dependency on base code for Django framework and create a schema from SQL scripts	Gulya Timokhina

Sprint-6:
Duration:

4/1/2020	4/6/2020

What we did since the last sprint:

Sprint-6:	
Change of Framework from Django to Flask due to ease of use and more optimized for working with javascript, CSS, and HTML templates. Committing the code on local machines. Committing and Merging Final codes on Git	Gulya Timokhina
Change of Framework from Django to Flask due to ease of use and more optimized for working with javascript, CSS, and HTML templates. Committing the code on local machines. Committing and Merging Final codes on Git	Poornapragna Vadiraj

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Change of Framework from Django to Flask due to ease of use and more optimized for working with javascript, CSS, and HTML templates. Committing the code on local machines. Committing and Merging Final codes on Git	Mirsaeid Abolghasemi
Change of Framework from Django to Flask due to ease of use and more optimized for working with javascript, CSS, and HTML templates. Committing the code on local machines. Committing and Merging Final codes on Git	Varun Bhaseen

Sprint-7:
Duration:

4/9/2020	4/14/2020

What we did since the last sprint:

Sprint-7	
Updated the main code with new functions and features for Searching and searcing with keywords	Mirsaeid Abolghasemi
Updated the main code with new pages and features for adding new vehicles, vehicle or car description fields, added the page and buttons for conducting a reservation feature	Varun Bhaseen
Updated the main code with new pages and forms for signing in and signing out along with features to sign up new users	Poornapragna Vadiraj
User home page created and developed and added	Gulya Timokhina

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Sprint-8:
Duration:

4/16/2020	4/23/2020

What we did since the last sprint:

Sprint-8	
Developed and committed Keyword function in git. Populate Database with keywords from SQL scripts.	Mirsaeid Abolghasemi
Developed Administrator page and functions for controlling the applications and adding features like the addition of location removal of location etc.	Poornapragna Vadiraj
created templates and design for front end HTML pages. Shared with everyone.	Varun Bhaseen
Committed functions and modules for calculation of overall price based on returns. Configured date time management in flask application and database.	Gulya Timokhina

Sprint-9:
Duration:

4/24/2020	5/1/2020

What we did since the last sprint:

Sprint-9	
Developed and committed brand modules and related database queries for car brands and their association. Updated the function to capture quantities of the cars in each location	Poornapragna Vadiraj
Created and associated Membership page and functions and configure the templates required to check membership. Associate membership with user details at the database. defined and committed database queries for membership pages	Mirsaeid Abolghasemi
Developed and committed Location function and required templates and database in the main flask file	Varun Bhaseen
Created pricing function and pricing pages in database queries and also in the main flask application	Gulya Timokhina

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Sprint-10:
Duration:

5/1/2020	5/6/2020

What we did since the last sprint:

Sprint-10	
Unit test on various functions for the main flask application	Gulya Timokhina
bug fixing against various test cases	Poornapragna Vadiraj
Reconfigure the main flask application for AWS with required changes for docker	Varun Bhaseen
Unit test on UI and templates	Mirsaeid Abolghasemi

Sprint-11:
Duration:

5/6/2020	5/7/2020

What we did since the last sprint:

Sprint-11	
Carry out functional testing based on various scenarios' outlines in requirement	Gulya Timokhina
Prepare script and outline sections that each of us has to speak on and prepare the presentation to demo and update slide contents	Mirsaeid Abolghasemi
Migrate the final application to AWS and configure the servers, load balancers and Docker files and images to ready it for demo and presentation	Varun Bhaseen
Fix any prevailing bugs. Carry out final testing and functional testing as required	Poornapragna Vadiraj