CENG-322 DELIVERABLE 2

Team name: F.R.I.E.N.D.S.& CO.

Project: Smart Parking

Members:

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Signatures:

Name	ID	Signature	Effort
Komal Bamotra	N01426087	for garnese	100%
Ramesh Narayan Gaire	N01452430	Banesh	100%
Roshan Shrestha	N01457532	RIPON.	100%
Rushi Bhandari	N01464259	Thuyhi	100%

Project Scope and goals:

The development of the Internet of Things (IoT) has made it possible to seamlessly integrate complex solutions into frameworks and practises for urban administration and management.

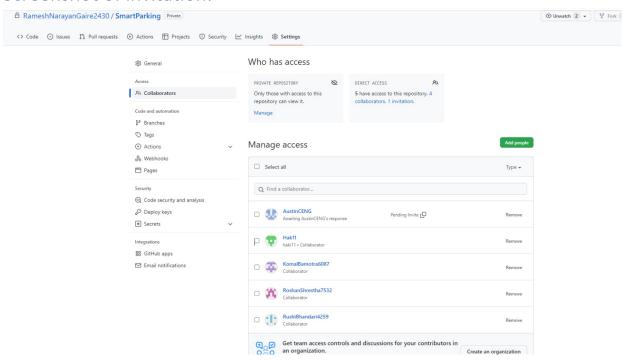
Our main objective is to make parking convenient spaces for working-class individuals in crowded cities. Due to an increase in the number of cars being owned by city residents, parking is becoming an issue for everyone. The development of a smart parking application powered by the Internet of Things (IoT) provides parking managers and drivers with crucial information about available spots as well as related services like reservations of the spots.

GitHub Repo link and Strategy:

https://github.com/RameshNarayanGaire2430/SmartParking.git

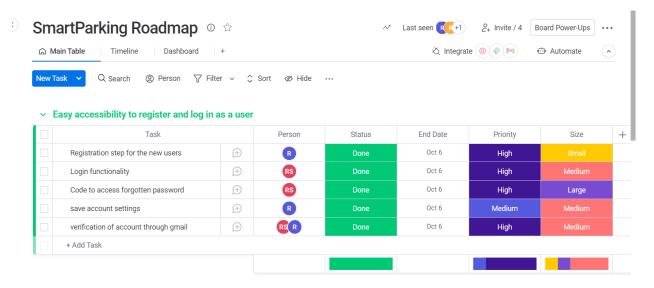
Git has a variety of different "merge strategies". It can be used to locate a base commit. We applied the commit, push and pull strategy, to update our android studio project.

Screenshot of invitation:



Stories and tasks:

Story 1:

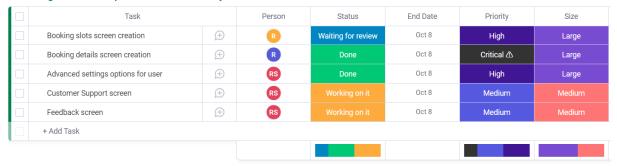


Story 2:

Task		Person	Status	End Date	Priority	Size
Layout and icons for better accesibility	Ð	N	Done	Oct 9	High	Mediun
Booking tab for users	<u>(+)</u>	R	Done	Oct 9	Critical 🛆	Mediun
Feedback option for users	(±)	RN	Done	Oct 9	Low	Mediun
Share the app button	(±)	R	Done	Oct 9	Medium	Mediun
Customer Support for users	<u>+</u>	N	Done	Oct 9	High	Mediun
+ Add Task						

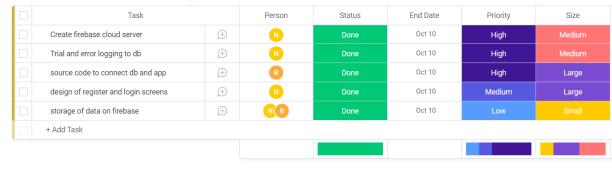
Story 3:

... v Navigation drawer options to make work easy for users 5 Tasks

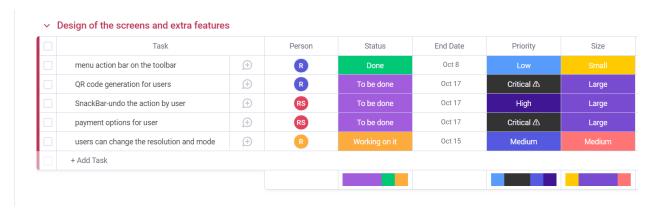


Story 4:

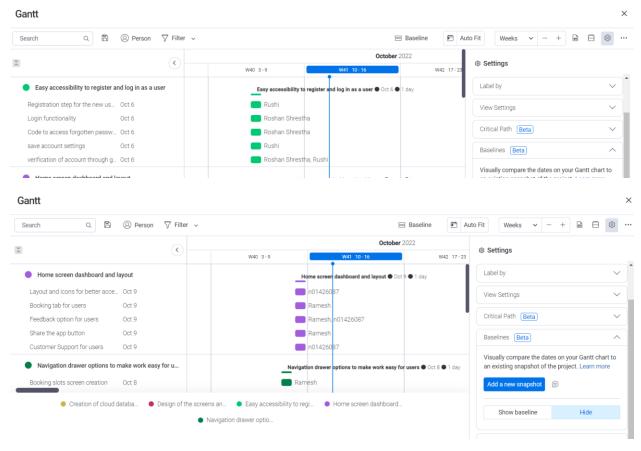
Creation of cloud database for storing data of users

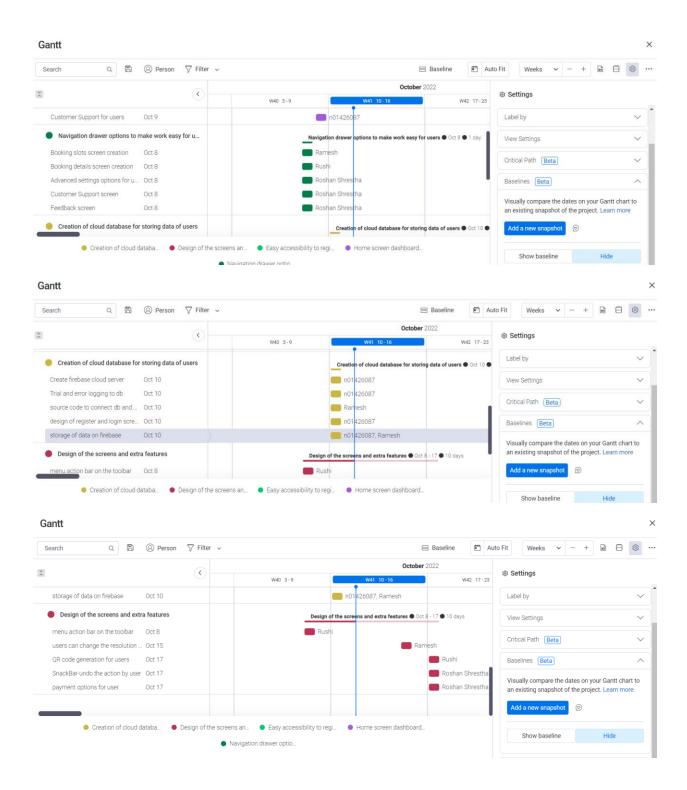


Story 5:



Dashboard:





DoD criteria:

We discovered these 5 DoD elements after many trial-and-error coding techniques for various source codes for screens and functionality, and they were ideal for our Android Studio application of SmartParking. Each of the user stories we chose was broken down into five tasks that each team member was required to complete by the end of the day.

We initially struggled to keep up with the tasks, but with the help of our teammates' support and our own thoughts, we were able to finish them. In addition, Monday.com was used to check and update task statuses.

We were able to alter the status of tasks from being worked on to done with a lot of hard effort in android studio as well as for the documentation portion.

List of items included in DoD:

As of right now, we are aware that the term "done" refers to a predetermined list of tasks that must be finished before a project or user-story can be said to be finished. For the DoD, we included these things:

- Regression tests run and pass
- Acceptance criteria is verified during testing.
- Unit testing-written and passed.
- **♣** Defects are in an "acceptable state" to the product owner.
- Coding tasks completed.

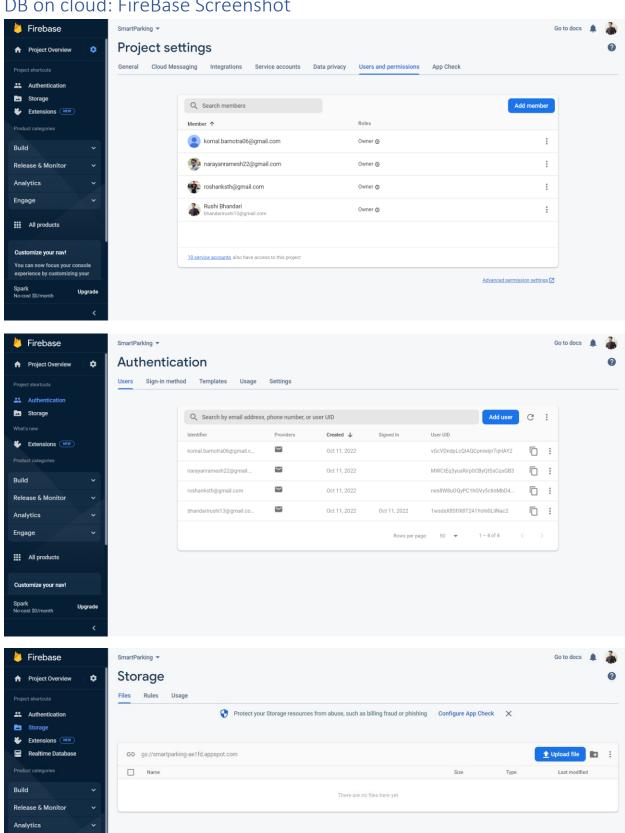
Business Model Canvas:



Link to the website:

Business model canvas: Lucidspark

DB on cloud: FireBase Screenshot



New features and functionality:

For the deliverable 2, this time we added some features and functionality like:

- Snackbar tool for the users to undo the action within a small period
- Design and layout of all the screens on the application
- Register and login page for users
- Settings options to change mode of the application
- Creation of database on cloud

Table record for stand-ups:



