

Software Engineering

Sprint 3 Presentation

Travellite

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Project overview and purpose

- **Travellite** : A website where college students and faculty members can find companions for cab sharing.
- Search for companions, or create a new post!
- An alternative to the BPHC Cab Search group on Facebook
- Spam-free and not everyone is active on Facebook!

Product backlog (Sprints 1&2)

Sprint 1

- Design components for Account page, Sign-in Page, Navigation Bar and Search Page
- Initialised the various app routes in express
- Connected MongoDB with the app
- Implemented event handler when user tries to login

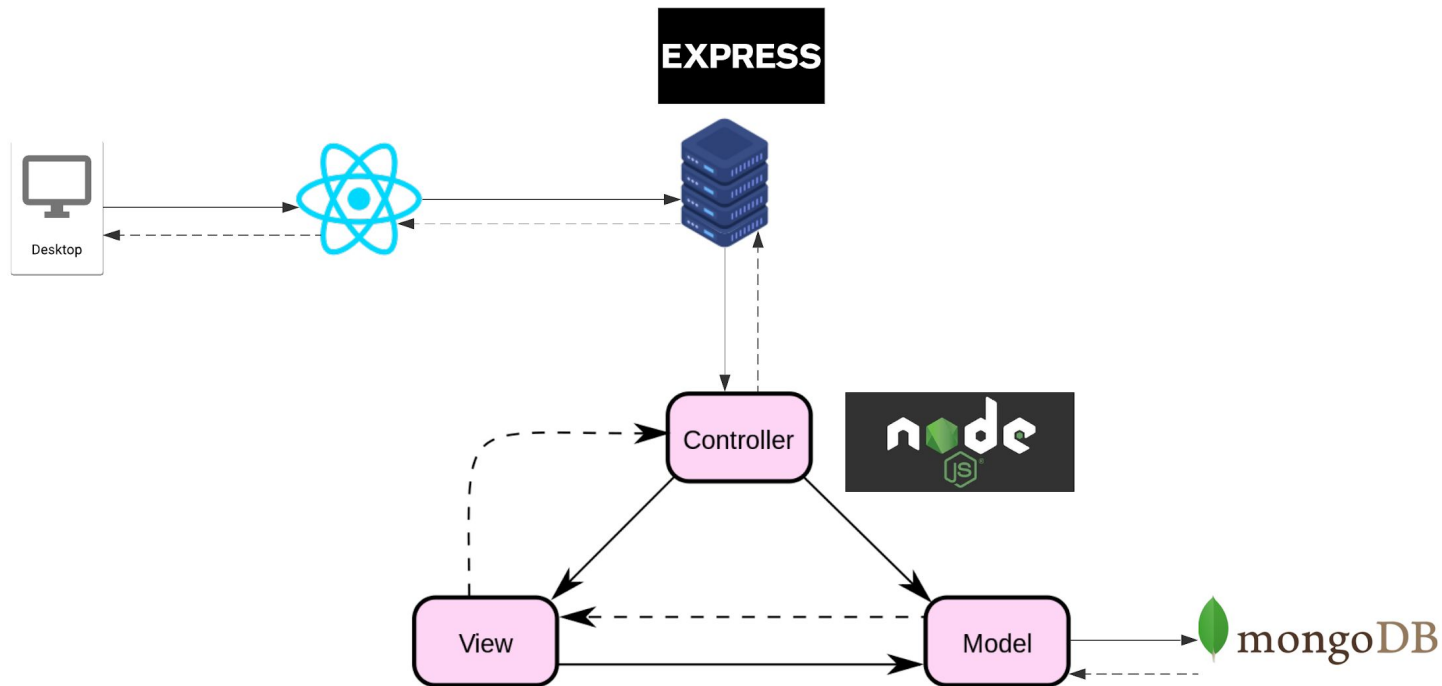
Sprint 2

- Database design
- CRUD operations : Search post, add a new post, add a new user, send a request on a post
- Unit testing using Cypress
- Updated UI, added CSS, implemented a consistent bootstrap design

Product backlog (Sprint 3)

- PostOwner can accept / reject cab joining requests
- Frontend for viewing notifications by the users
- Showing previous rides and posts for individual users
- Showing user details in the MyProfile Section
- Creating a Dashboard for the admin , which shows the different types of bookings made and their counts for every month.
- Giving the view access for the Dashboard only to the admin.
- Running code quality tests using SonarCloud.
- User can leave the cab once joined
- Deleting an existing post by the postOwner

System architecture



Demonstration

<Demo link>

- Demo link :
<https://drive.google.com/file/d/12EGD3oXrsWqzirRWsq7dTjyKJmD2EDGJ/view?usp=sharing>
- Dashboard demo :
https://drive.google.com/file/d/1b_oif8AA0iLY3GkMWu7lBY0aCuyCnO0h/view?usp=sharing

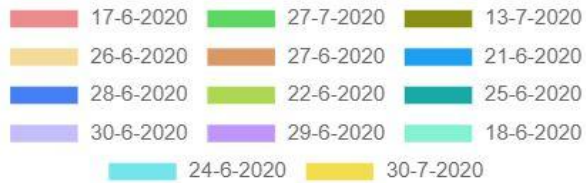
Dashboard

Bar Graph:For the bar graph we have each bar representing the number of post owners that requested that particular number of companions for the whole month.

Pie Chart:The pie chart represents the number of cab groups leaving for their destination on that date.

Basic Information:Also we presented the basic information for number of posts,number of cab groups etc.

Number of Posts on a Particular Date



Number of posts

20

Number of notifications sent

45

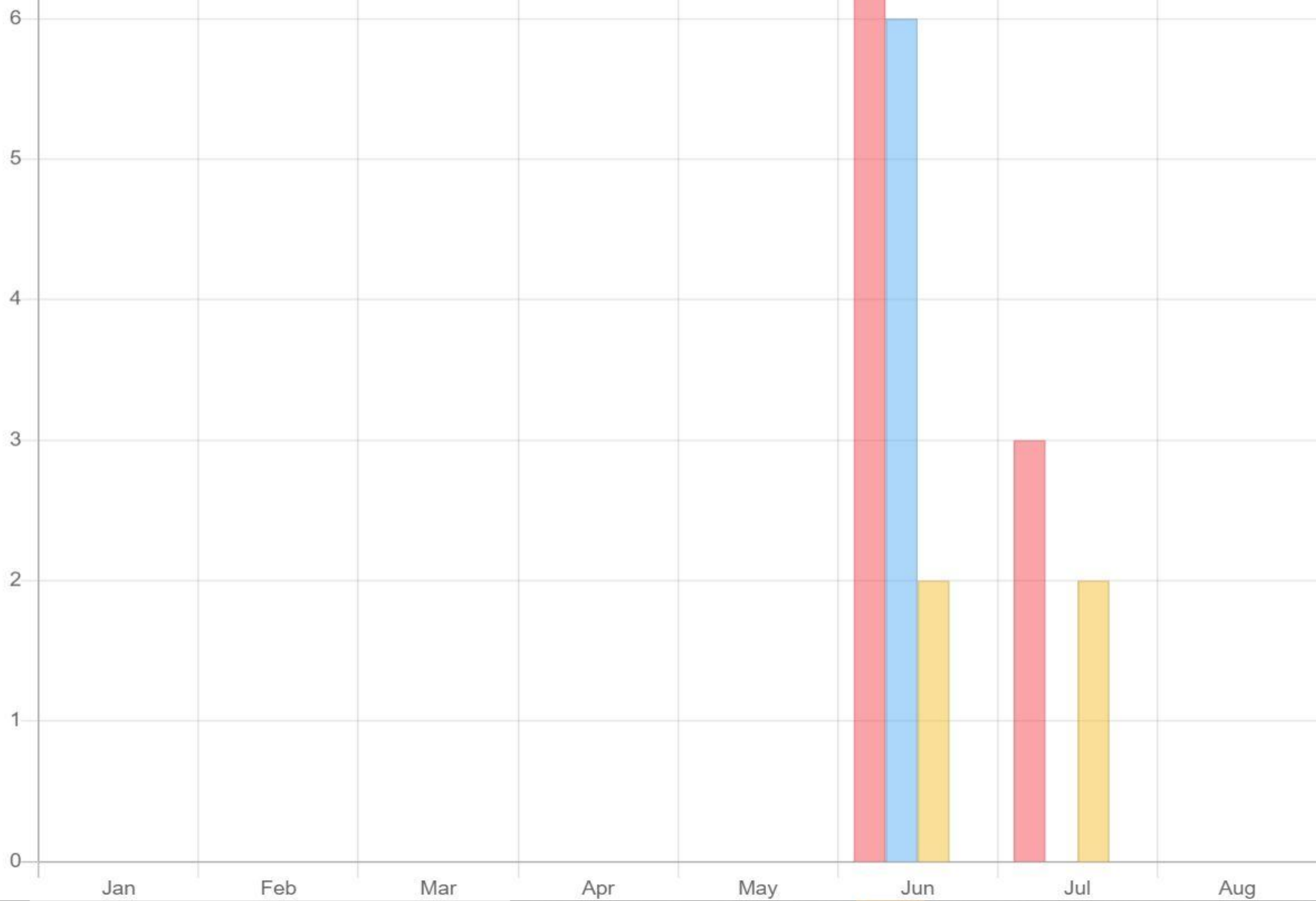
Number of cab groups empty

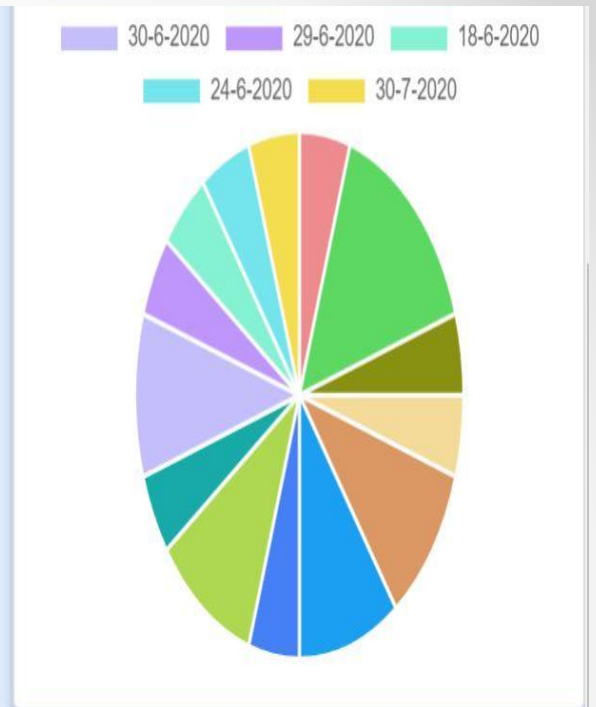
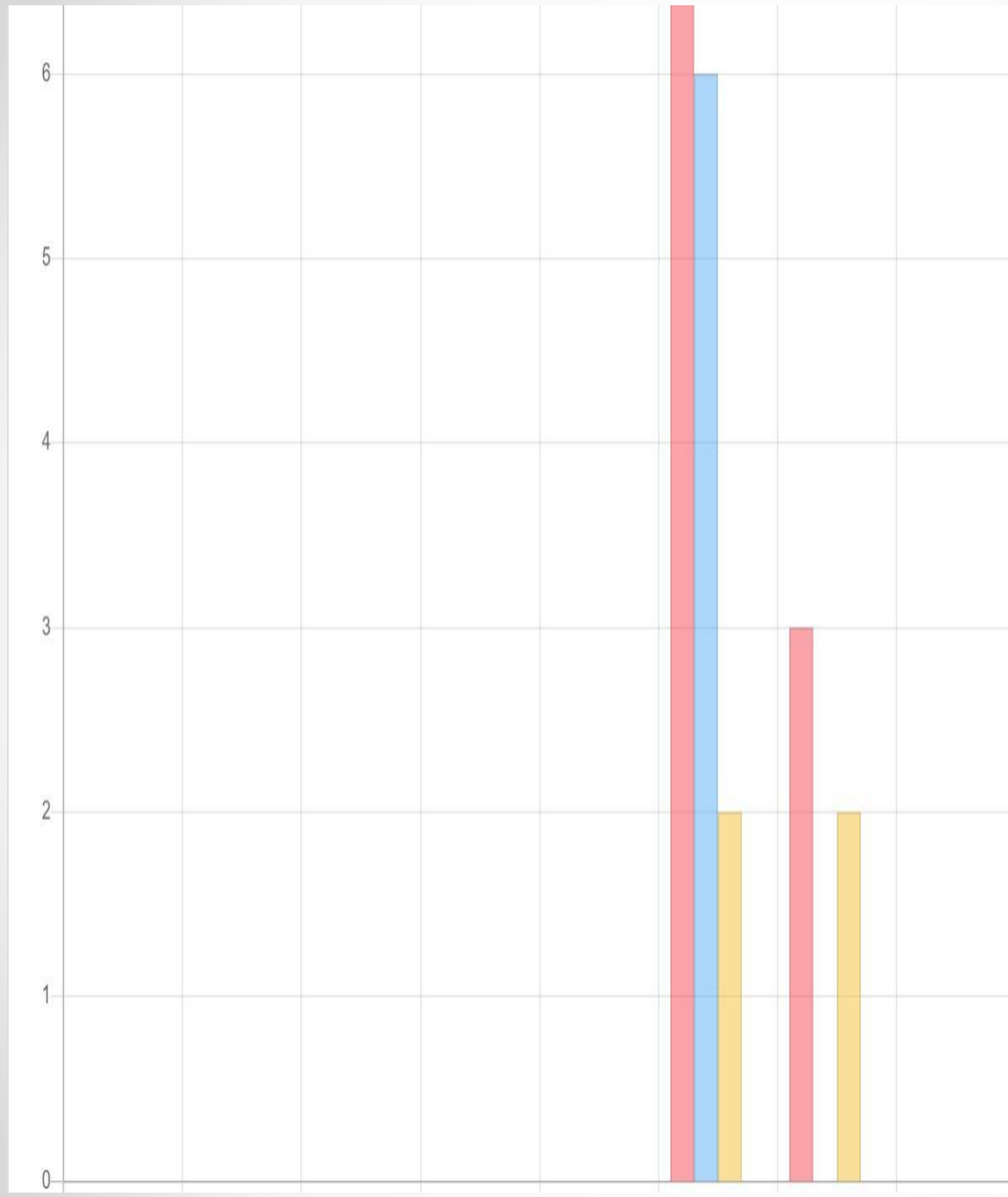
20

Number of cab groups filled

0

#1 #2 #3 #4





Number of posts	20
Number of notifications sent	45
Number of cab groups empty	20
Number of cab groups filled	0