

# Project Name: Basha Bhara Chai (TOLET)

Student names & IDs:

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2. Koushik Banerjee 1812171642
3. Mohammad Billal Hossain Emon 1812447042

Repository URL:

[https://bitbucket.org/nabeel\\_mohammed/fall2020.cse327.3.11/src/master/](https://bitbucket.org/nabeel_mohammed/fall2020.cse327.3.11/src/master/)

## 1. Challenges faced by Tamim Hasan #1

During this project, I faced lots of challenges. My part of this project was the website. Here I get lot trouble to do web scrapping, but in the end, I successfully done it. I faced issues during map API, and google signing APIs. It shows Authorization Error. It was very challenging for build query for advance search. In the Android Studio part, I faced a lot trouble with REST API, that I was unable to connect with Laravel backend. Other than this It worked well.

## 2. Challenges faced by Koushik Banerjee #2

For web development as a framework we choose Laravel. In the beginning it was difficult for me to get the knowledge how Laravel work. To know how to use Laravel I need to be advanced in PHP web development. Tough I did work on PHP. Still I go through the PHP course. In that time, I face problem MVC.

When I try to integrate the Google map, I face a couple of problems. Tough code was fully working but still it didn't work because of google API activation code. To activate the API key, I need to add my master card(postpaid). But I don't have any postpaid master card, I have prepaid master card. So even with proper code Google Maps doesn't work just for not active the API key.

### 3. Challenges Faced by Mohammad Billal Hossain Emon #3

Since the android studio works has to be learned all by myself, I watched tutorials on YouTube to get proper knowledge about it, however in the most of the videos android studio version of 2018 has been used and since I was doing the project over the android studio of 2020 I faced a lot of difficulties to run the app because the same code which was used in the video was being detected error by my machine because of the change of methods and features of the studio. While trying to correct the problem I searched for solutions but there are not adequate numbers of solutions available over the internet of 2020 android studio and the amount of tutorials also lacks in number.

#### **Features done by Tamim Hasan:**

1. Whole UI design
2. Web scrapping
3. Search/ query building & Database handling
4. Sign in & sign out (google)

#### **Features done by Koushik Banerjee:**

1. Google Map API
2. Data selection
3. Voice search

#### **Features done by Mohammad Billal Hossain Emon:**

1. SRS – Other Non-Functional Requirement, Appendix
2. SDS – Introduction, Description of Design Component
3. Android App Development – Designing, Coding and Developing