



# BUDGET SURFING

Dev Team Group 18:

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# What is the project all about?

- There are some platforms to organize and manage travel plans (such as Hopper, WorldMate, MakeMyTrip) via managing hotel booking, flight itineraries, tracking the status of your flights, and rental car reservations.
- But those platforms have some limitations such as no track of travel expenses, expensive food stays and hotels, not knowing how to save and spend money etc.
- This website will cover those limitations. Additionally, it can track the travel expenses of a traveler and set a budget for him to spend on, it can find a place to stay with the locals on the trip and also keep a record of expense you share with your travel partners.



# Meeting Stats

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- Total number of meetings with client team only: 7
  - 2 with TA and 5 without TA
- Total number of meetings with dev team only : 6
- Total internal meetings of our team: 10
  - 2 with TA and 8 without TA

# *JIRA Board Progress: As a team*

Projects / budget-surfing

## BS board

Search: [ ] | HG NG GV TH PG | Epic ▾ Label ▾ Type ▾

TO DO 9 ISSUES	IN PROGRESS 10 ISSUES	DONE 20 ISSUES ✓
<p>Expense Tracker</p> <p>✓ BS-29</p>	<p>Controller Testing for Trip API</p> <p>✓ BS-25 GV</p>	<p>As a developer I should select a css library to style the frontend</p> <p>✓ BS-20 ✓ PG</p>
<p>Budget planner</p> <p>✓ BS-30</p>	<p>Controller Testing for Feedback API</p> <p>✓ BS-24 GV</p>	<p>Designing the frontend of login and sign up page !</p> <p>✓ BS-5 ✓ PG</p>
<p>Notification for expense tracking</p> <p>BS-31</p>	<p>JWT for Authentication</p> <p>✓ BS-26 TH</p>	<p>As a developer I should setup CI/CD so builds are automated</p> <p>✓ BS-3 ✓ PG</p>
<p>Feedback or rating for traveller</p> <p>✓ BS-33</p>	<p>Controller Testing for Budget API</p> <p>✓ BS-22 GV</p>	<p>As a developer I want to setup OpenAPI so that API are documented</p> <p>✓ BS-10 ✓ TH</p>
<p>feedback or rating for host</p> <p>✓ BS-34</p>	<p>Controller Testing for User API</p> <p>✓ BS-23 GV</p>	<p>As a developer I want to setup H2 database for integration testing</p> <p>✓ BS-11 ✓ TH</p>
<p>Notifications for host</p> <p>✓ BS-35</p>	<p>Post creation by traveller</p> <p>✓ BS-32 HG</p>	<p>Trip Creation</p> <p>BS-47 ✓ NG</p>
<p>Profile Management</p> <p>BS-39</p>	<p>Add a Category</p> <p>✓ BS-37 NG</p>	
<p>Add Expense Functionality</p>	<p>Add Feedback Functionality</p>	

*JIRA Board  
Progress:  
As a team  
continue...*

Projects / budget-surfing

## BS board

Search: [ ] | HG NG GV TH PG | Epic ▾ | Label ▾ | Type ▾

TO DO 9 ISSUES

Add Expense Functionality

✓ BS-63 NG

Validation in all Forms

✓ BS-68

+ Create issue

IN PROGRESS 10 ISSUES

Add Feedback Functionality

✓ BS-57 NG

Add Budget Functionality

✓ BS-58 NG

Front end page for single trip information of a user

✓ BS-66 GV

DONE 20 ISSUES ✓

Trip Creation

✓ BS-47 NG

As a developer I want to setup the react project so that frontend can be developed

✓ BS-19 HG

CI/CD

✓ BS-42

User Profile Creation

✓ BS-70 HG

SignUp confirmation Page

Important

✓ BS-67

User Login

✓ BS-53 TH

Accept a trip

✓ BS-50 NG


User Registration

*JIRA Board  
Progress:  
As a team  
continue...*

Projects / budget-surfing

## BS board

Q

HG NG GV TH PG  Epic ▾ Label ▾ Type ▾

TO DO 9 ISSUES

IN PROGRESS 10 ISSUES

DONE 20 ISSUES ✓

As a developer I want to create the spring boot project to launch the server

✓ BS-43 ✓ NG

Backend Project Setup

✓ BS-41 ✓ NG

As a developer I will create the registration API

✓ BS-45 ✓ TH

Front end home page for traveler

✓ BS-65 ✓ GV

As a developer I want to create the UI for registration

✓ BS-46 ✓ PG

Frontend Project Setup

✓ BS-40 ✓

Website home page creation

✓ BS-69 ✓ GV

# *JIRA Board Progress: Neelansh Gulati (Boo892946)*

Projects / budget-surfing

## BS board

Q HG NG GV TH PG Epic ▾ Label ▾ Type ▾ Clear filters

TO DO 1 OF 9 ISSUE

Add Expense Functionality

☒ BS-63 NG

+ Create issue

IN PROGRESS 3 OF 10 ISSUES

Add a Category

☒ BS-37 NG

Add Feedback Functionality

☒ BS-57 NG

Add Budget Functionality

☒ BS-58 NG

DONE 4 OF 20 ISSUES ✓

Trip Creation

BS-47 ✓ NG

Accept a trip

BS-50 ✓ NG

As a developer I want to create the spring boot project to launch the server

☒ BS-43 ✓ NG

Backend Project Setup

BS-41 ✓ NG

See all Done issues



# *JIRA Board Progress: Tuan Hamid (Boo877065)*

Projects / budget-surfing

## BS board

HG NG GV TH PG Epic ▾ Label ▾ Type ▾ Clear filters

TO DO

+ Create issue

IN PROGRESS 1 OF 10 ISSUE

JWT for Authentication

☒ BS-26 TH

+ Create issue

DONE 5 OF 20 ISSUES ✓

As a developer I want to setup OpenAPI so that API are documented

☒ BS-10 ✓ TH

As a developer I want to setup H2 database for integration testing

☒ BS-11 ✓ TH

User Login

☒ BS-53 ✓ TH

User Registration

☒ BS-44 ✓ TH

As a developer I will create the registration API

☒ BS-45 ✓ TH




# *JIRA Board Progress: Parth Gondaliya (Boo893694)*

Projects / budget-surfing

## BS board

Q

HG NG GV TH PG  Epic ▾ Label ▾ Type ▾ Clear filters

TO DO

+ Create issue

IN PROGRESS

DONE 4 OF 20 ISSUES ✓

As a developer I should select a css library to style the frontend

✓ BS-20 PG

Designing the frontend of login and sign up page !

✓ BS-5 PG

As a developer I should setup CI/CD so builds are automated

✓ BS-3 PG

As a developer I want to create the UI for registration

✓ BS-46 PG

+ Create issue

See all Done issues

Create issue +

# *JIRA Board Progress: GRM Vishnu (Boo871849)*

Projects / budget-surfing

## BS board







HG NG GV TH PG Epic ▾ Label ▾ Type ▾ Clear filters

TO DO	IN PROGRESS 5 OF 10 ISSUES	DONE 2 OF 20 ISSUES ✓
<a href="#">+ Create issue</a>	<div>Controller Testing for Trip API ✓ BS-25 <span>GV</span></div> <div>Controller Testing for Feedback API ✓ BS-24 <span>GV</span></div> <div>Controller Testing for Budget API ✓ BS-22 <span>GV</span></div> <div>Controller Testing for User API ✓ BS-23 <span>GV</span></div> <div>Front end page for single trip information of a user ✓ BS-66 <span>GV</span></div>	<div>Front end home page for traveler ✓ BS-65 ✓ <span>GV</span></div> <div>Website home page creation ✓ BS-69 ✓ <span>GV</span></div> <div><a href="#">+ Create issue</a></div> <div><a href="#">See all Done issues</a></div>

# *JIRA Board Progress: Hardee Garala (Boo869195)*

Projects / budget-surfing

## BS board


      Epic ▾ Label ▾ Type ▾ Clear filters

TO DO

+ Create issue

IN PROGRESS 1 OF 10 ISSUE


Post creation by traveller

☒ BS-32 



+ Create issue

DONE 4 OF 22 ISSUES ✓


As a developer I want to setup the react project so that frontend can be developed

☒ BS-19 ✓ 


User Profile Creation

 BS-70 ✓ 

Update the database with the edits user want to save as part of their profile

☒ BS-76 ✓ 

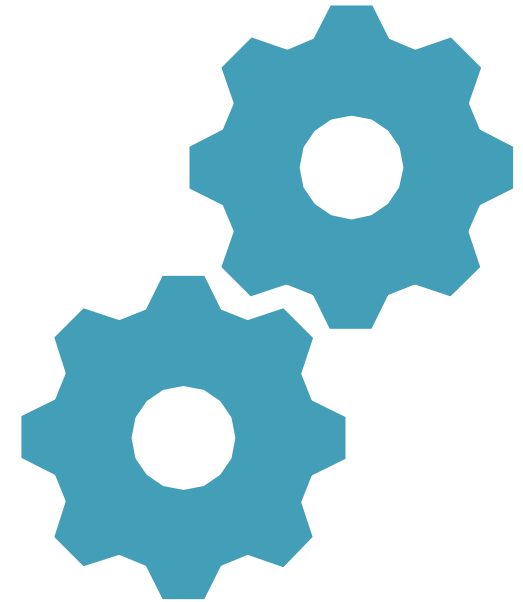
Fetch data from database for the logged user

☒ BS-75 ✓ 

# Tech Stack

To develop our project with ease and with best features, we have decided to go with the following tech stack:

- ❖ Backend – Springboot framework
- ❖ Frontend – ReactJS



# Major Milestones

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We have been able to achieve few major milestones along the way till now from where we started, which are:

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CI/CD Pipeline

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Signup/Login feature

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Trip addition feature

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Budget setting feature

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# *Demo Video of those milestones*

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<https://drive.google.com/drive/folders/1rPP1sVTzvrcmxdsEdBtW-Mjfz3Ctl8Ht?usp=sharing>



# *Project status w.r.t mid term goals*

Mid Term goals	Achieved or not/Reason if not achieved
User registration, Account verification through OTP sent on registered email, Login module	Achieved
Profile creation of users	Achieved
Trip functionality	Achieved
Timely notifications if exceeding budget limits	In progress ()





# *Other goals*

OTHER GOALS	ACHIEVED OR NOT
Budget functionality	Achieved

# Challenges



Working on Springboot or ReactJS has been a new task for few of the team members since they had to learn it new and fast in order to achieve the goals of the project and so, it has been a bit difficult to kick start the whole project.



But in a short span of time, all the team members showed great achievement in learning their respective requirement and that didn't affect the project status.

# Next Steps

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Since every team member contributed equally to both front end and back end, we have planned our way to complete that by working on either one of them until midterm progress and then shift their roles otherwise.

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So, the team developers who have worked on front end till now would now shift to back end and the same goes with the back-end developers.



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Thank you!