

The background is a deep blue gradient with a subtle pattern of white dots. Overlaid on the left side are several concentric circles and arcs in a lighter blue color. Some of these arcs have degree markings, such as 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260. There are also small white arrows pointing in various directions, suggesting a sense of rotation or movement.

# ACCOMMODATOR

BY GROUP- 25

# TEAM – 25 (DEVELOPER TEAM)

- Team Members
  - Fenil Patel
  - Mayank Pandey
  - Pallavi Marni
  - Shaswat Doshi
  - Smit Gor

# TEAM - 12

## (CLIENT TEAM)

- Team Members
  - Abhinav Singh
  - Alen John
  - Ishan Makadia
  - Sankalp Kulkarni
  - Saumya Shah

# SUMMARY

- Our platform provides a seamless and intuitive user experience for students searching for housing options. With our user-friendly interface, students can search for housing options based on various criteria, including location, price range, and other specific preferences such as roommate preferences.
- Our software leverages algorithms to efficiently search and display results to students, ensuring a quick and effortless process.
- To achieve this, our team utilizes technologies such as React, Spring Boot, and MySQL as database, ensuring a robust and scalable solution for our users. We also employ agile development methodologies to ensure efficient and effective project management, ensuring timely delivery of high-quality software.

# INTERNAL MEETINGS

- Total Meetings: 52
  - Online: 37
  - In-Person: 15
- Attendees:
  - All members of group 25



# MEETING WITH DEVELOPER TEAM AND TA

- Total Meetings: 11
- Attendees:
  - All members of group 25
  - All members of group 12
  - Shathish Annamalai (TA)
  - Ghazal Shobhani (TA)

# PROJECT DASHBOARD STATS

Sprint 1  
(15 Feb- 25 Feb)

▼ AC Sprint 1 15 Feb – 25 Feb (7 issues)		000	Complete sprint	...
Need to complete Front end login and registration page with expected home page for final delivery of application. From the backend side Authentication needs to be completed				
AC-16	CRUD APIS - BE	DONE ▼	SG	
AC-9	Student Authentication and Authorization - BE	DONE ▼	FP	
AC-8	Login/Registration Page - FE	DONE ▼	MP	
AC-17	Database Design	DONE ▼	SG	
AC-51	Login/Registration - FE and Axios	DONE ▼	PM	
AC-59	Add Posting	DONE ▼	S	
AC-67	Login/Registration - Axios	DONE ▼	S	

# PROJECT DASHBOARD STATS

Sprint 2  
(5 Mar – 15 Mar)

AC Sprint 2 5 Mar – 15 Mar (9 issues)			0	0	0	Complete sprint	...
AC-18	Backend-Frontend Integration	CREATE ACCOMMODATOR APP				DONE ✓	FP
AC-22	Create User Posting - FE					DONE ✓	PM
AC-23	Student UI- FE					DONE ✓	MP
AC-24	Owner UI - FE					DONE ✓	S
AC-25	User Posting Backend - BE					DONE ✓	SG
AC-15	Home Page Design - FE					DONE ✓	MP
AC-45	JWT - BE					DONE ✓	FP
AC-52	Features Page -FE					DONE ✓	PM
AC-58	Show Posting					DONE ✓	MP



# PROJECT DASHBOARD STATS

Sprint 3  
(16 Mar – 25 Mar)

▼ AC Sprint 3 16 Mar – 25 Mar (21 issues)		0	0	0	Complete sprint	...
AC-36	AC-36 CI/CD Implementation BE	DONE	▼	FP		
AC-26	Map API of Posting - FE	DONE	▼	S		
AC-32	Roommate Matching for Owner - FE	DONE	▼	PM		
AC-30	Filter Functionality for User Posting - FE	DONE	▼	MP		
AC-29	Contact Owner - BE	DONE	▼	S		
AC-33	Roommate Matching for Owner - BE	DONE	▼	SG		
AC-31	Filter Functionality for User Posting	DONE	▼	SG		
AC-35	Roommate Matching for Student - FE	DONE	▼	MP		
AC-34	Roommate Matching for Student - BE	DONE	▼	SG		

# PROJECT DASHBOARD STATS

Sprint 4  
(26 Mar – 9 Apr)

▼ AC Sprint 4 26 Mar – 9 Apr (11 issues)

0

0

0

Complete sprint

...

AC-48

Test cases for implementation (except authentication)

DONE ▼

SG

AC-47

Test cases for controller (except authentication)

DONE ▼

SG

AC-57

Image Add and Retrive

DONE ▼

MP

AC-56

Code Quality - Designite Integration

DONE ▼

FP

AC-61

Refactoring Implementation Smells -1

DONE ▼

S

AC-62

Refactoring Implementation Smells -2

DONE ▼

MP

AC-63

Refactoring Implementation Smells -3

DONE ▼

PM

AC-64

Refactoring Design Smells -2

DONE ▼

PM

AC-65

Refactoring Design Smells -1

DONE ▼

S

# PROJECT DASHBOARD STATS

- Total Number of tasks: 49
- Contribution of Each Member
  - Fenil Patel: 10
  - Mayank Pandey: 10
  - Pallavi Marni: 10
  - Shaswat Doshi: 10
  - Smit Gor: 12

# PROJECT DASHBOARD STATS

DONE 9 OF 48 ISSUES ✓

Student Authentication and Authorization - BE

AC-9 ✓ FP

Backend-Frontend Integration

CREATE ACCOMMODATOR APP

AC-18 ✓ FP

AC-36 CI/CD Implementation BE

AC-36 ✓ FP

CI/CD Implementation FE

AC-42 ✓ FP

JWT - FE

AC-43 ✓ FP

JWT - FE

AC-43 ✓ FP

Owner Authentication and Authorization

AC-44 ✓ FP

JWT - BE

AC-45 ✓ FP

Code Quality - Designite Integration

AC-56 ✓ FP

JWT Test Cases

AC-68 ✓ FP

# PROJECT DASHBOARD STATS

DONE 9 OF 48 ISSUES ✓		
Login/Registration Page - FE		
AC-8	✓	MP
Student UI- FE		
AC-23	✓	MP
Home Page Design - FE		
AC-15	✓	MP
Filter Functionality for User Posting - FE		
AC-30	✓	MP
Roommate Matching for Student - FE		
AC-35	✓	MP

Roommate Matching for Student - FE		
AC-35	✓	MP
Show Posting		
AC-58	✓	MP
Image Add and Retrive		
AC-57	✓	MP
Refactoring Implementation Smells -2		
AC-62	✓	MP
Refactoring Design Smells -3		
AC-66	✓	MP



# PROJECT DASHBOARD STATS

DONE 9 OF 48 ISSUES ✓		
Create User Posting - FE		
AC-22	✓	PM
Roommate Matching for Owner - FE		
AC-32	✓	PM
Login/Registration - FE and Axios		
AC-51	✓	PM
Features Page -FE		
AC-52	✓	PM
Set Preferences for Owner - FE		
AC-53	✓	PM

DONE 9 OF 48 ISSUES ✓		
Set Preferences for Owner - FE		
AC-53	✓	PM
Set Preferences for Student - FE		
AC-54	✓	PM
Add to Favorites - FE		
AC-55	✓	PM
Refactoring Implementation Smells -3		
AC-63	✓	PM
Refactoring Design Smells -2		
AC-64	✓	PM

# PROJECT DASHBOARD STATS

DONE 9 OF 48 ISSUES ✓		
Owner UI - FE		
AC-24	✓	S
Map API of Posting - FE		
AC-26	✓	S
Contact Owner - BE		
AC-29	✓	S
Admin Dashboard - FE		
AC-37	✓	S
Frontend Field Validation		
AC-46	✓ 0	S
Add Posting		

DONE 9 OF 48 ISSUES ✓		
Frontend Field Validation		
AC-46	✓ 0	S
Add Posting		
AC-59	✓	S
Login/Registration - Axios		
AC-67	✓	S
Refactoring Implementation Smells -1		
AC-61	✓	S
Refactoring Design Smells -1		
AC-65	✓	S

# PROJECT DASHBOARD STATS

DONE 12 OF 48 ISSUES ✓		
CRUD APIS - BE		
AC-16	✓	SG
Database Design		
AC-17	✓	SG
User Posting Backend - BE		
AC-25	✓	SG
Roommate Matching for Owner - BE		
AC-33	✓	SG
Filter Functionality for User Posting		
AC-31	✓	SG

Add to favorites - BE		
AC-41	✓	SG
Test cases for implementation (except authentication)		
AC-48	✓	SG
Test cases for controller (except authentication)		
AC-47	✓	SG
Test cases for controller (except authentication)		
AC-49	✓	SG
Test cases for implementation (except authentication)		
AC-50	✓	SG



DEMO TIME

# FINAL GOALS ACHIEVED

S. NO.	GOALS	ACHIEVED
1	Registration/Login	YES
2	Roommate Matching	YES
3	Add posting	YES
4	Show posting	YES
5	Add to favorites	YES
6	Show favorites	YES
7	Filtering/ Search	YES
8	Connect via Email	YES
9	Map API	YES
10	Admin approval	YES



GOALS  
ACHIEVED AFTER  
MID-TERM  
REVIEW

S. NO.	GOALS	ACHIEVED
1	Add to favorites	YES
2	Show favorites	YES
3	Filtering/ Search	YES
4	Connect via Email	YES
5	Map API	YES
6	Admin approval	YES

# LEARNING OUTCOMES

- Learning React and Spring Boot: Able to learn the fundamental concepts of React and Spring Boot, including their architecture, core features, and best practices.
- Full Stack Development: Build a full-stack web application using React and Spring Boot, including integrating the front-end and back-end components and deploying the application.
- RESTful API design and implementation: Learn how to implement a RESTful API using Spring Boot, including creating endpoints, handling HTTP requests and responses.
- Handling code smells and implementing refactoring: Able to identify code smells with the help of Designite in the application code, such as complex conditional, complex methods, etc., and implement appropriate refactoring techniques to improve the code quality and maintainability.
- Testing and debugging: Able to write unit tests for both the front-end and back-end components of the application and use debugging tools to identify and fix issues.
- CI/CD: Able to set up a continuous integration and deployment (CI/CD) pipeline for the application using GitLab.
- Agile Methodology: Able to collaborate effectively with client team members, manage the project using agile methodologies, and use JIRA board for project management and issue tracking.



THANK YOU!

