



School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 21CSC303J

Course Name: Software Engineering and Project Management

Experiment No	1
Title of Experiment	To identify a software project, craft a precise problem statement, and create a product vision document
Name of the candidate	M. Jaswanth
Team Members	3
Register Number	RA2211003011414
Date of Experiment	31-01-2025

Mark Split Up

S.No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	
2	Viva	5	
Total		10	

Staff Signature with date

Aim

To identify a software project, craft a precise problem statement, and create a product vision document

Team Members:

S. No	Register No	Name	Role
1	RA2211003011416	V.Sai Tarun	Product owner
2	RA2211003011421	Sarabu Suhas	Scrum Master
3	RA2211003011414	Marni jaswanth	Developer

Project Title: <Student's Accommodation Platform>

Problem Statement: Students often struggle to find affordable, well-equipped accommodation near their educational institutions, leading to inconvenience and financial strain. Additionally, property owners face challenges in reaching the right student tenants, resulting in prolonged vacancies.

Student's Accommodation Platform

1. Audience

Who are the users of the product?

- **Primary Audience:** Students seeking accommodation at affordable prices.
- **Secondary Audience:** Property owners looking to rent out flats to students.

2. Needs

What problems does the product solve for the audience?

- **Primary Needs:** Affordable accommodation with required amenities for student needs and nearby to their organisation/institutions.
- **Secondary Needs:** Property owners gain access to a large pool of student tenants, reducing vacancy periods.

3. Products

What is the product, and what does it offer?

- **Core Product:** A web-based platform connecting students with affordable and well-equipped accommodations near their educational institutions.
- **Additional Features:** Listings of properties near essential amenities such as supermarkets, transportation hubs, and healthcare facilities.

4. Values

What principles guide the product, and what makes it unique?

- **Core Values:** Community & Convenience(Connecting students to housing that enhances their academic and social life).
- **Differentiators:** A seamless, user-friendly interface with recommendations based on budget, location preference, and amenities.

5. Vision Statement

What is the overarching goal of the product?

To create a seamless and reliable accommodation marketplace that empowers students by providing them with affordable, secure, and well-located housing solutions, ensuring a stress-free living experience during their academic journey.