

# **ADVANCED PROGRAMMING PRACTICE**

**21CSCS203P  
PROJECT REVIEW-1**

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# SRMHalt

“Revolutionizing Student Accommodations”

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**Struggling to find the ideal room near SRM University in Potheri, Guduvancheri, Maraimalai Nagar, Urapakkam, or Kattankulathur?**

**Frustrated by the lack of dedicated applications catering to your needs?**

**Many SRM University students face the challenge of securing suitable accommodations that align with their safety preferences, budget constraints, and personal choices. This dearth of efficient platforms often results in time-consuming searches and uncertainty about safety and amenities.**

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# INTRODUCTION

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**Introducing SRMHalt, an innovative solution from SRM University in Chennai.**

**In areas like Potheri, Guduvancheri, Maraimalai Nagar, Urapakkam, and Kattankulathur, students often struggle to find accommodations that match their safety, budget, and lifestyle preferences.**

**Addressing this issue, SRMHalt leverages Java and Python to streamline the accommodation hunt, providing convenience to SRM University students.**

# OBJECTIVES

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**Personalized Accommodation Matching:** Utilizing Java, SRMHalt creates a backend system that matches student preferences with suitable accommodations. Safety, budget, proximity, and amenities are considered for precise matches.

**Safety Enhancement through Python:** Python assesses safety, considering crime rates and transportation proximity, ensuring students make informed choices about their housing.

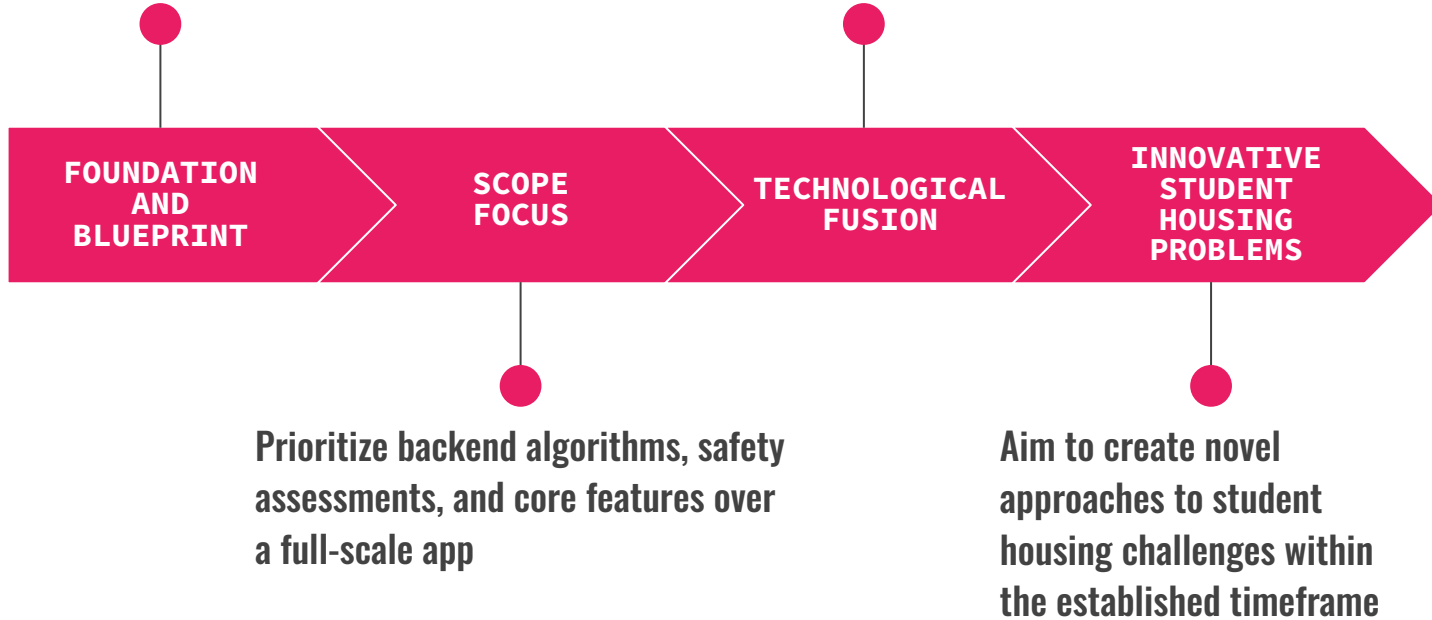
**Centralized Platform:** SRMHalt serves as a central hub connecting students, brokers, renters, and sellers, simplifying interactions and transactions.

**Student Profiles and Roommate Finder:** Unique features include student profiles, roommate searches, and community building, enriching the student living experience.

**Tailored Filters for Value:** Exclusive filters such as security features and amenities enhance SRMHalt's value, catering specifically to SRM University's diverse needs.

Lay the groundwork for a transformative solution despite time constraints.

Utilize a combination of Java, Python, and frontend technologies for a well-rounded solution.



# **TIMELINE MODULE**