

# ROOMIECONNECT

A Social Media application that helps college students find housing and roommates.

Group Members:

Sampreet Klair

Harsahbaj Singh

Ritish Sharma

# Project Charter

*Below is an example of a “project charter.” This document, often prepared by a senior executive and a project manager, gives the project manager the go-ahead and the authority to get moving on a project.*

**Project Title:** RoomieConnect **Date:** June 5, 2024

**Scope and Objectives:** RoomieConnect is a platform born out of the challenges faced by students worldwide in finding suitable accommodation or roommates. It aims to simplify the process by providing a centralized hub where students can connect with potential roommates and explore available housing options.

## **General Objectives:**

1. Enable students to connect with fellow peers who are looking for new rooms or roommates.
2. Make a transparent process of finding rooms and roommates encouraging students to use our application.
3. Manage a team of developers and managers to effectively work together synchronously.

## **Specific Objectives:**

1. Personal Verification and Onboarding
  - a. Verifying the new users on the sn in process to ensure that the users are real and not bots.
  - b. Making a smooth onboarding experience for new users.
2. 24/7 Support Systems
  - a. A support and live chat feature for the users powered by AI to help them navigate through the app.
3. Matching the Users
  - a. Creating an algorithm for connecting compatible users with similar interests as roommates.
  - b. Creating an infrastructure that handles the matching process and uses the algorithm in the backend.

**Defining Conditions, Constraints, and Assumptions:** The RoomieConnect app needs to be operational by the end of November. The first of this app consists of developing the back end and the front end development of the application. The initial versions of this app will only be operational in GTA with a scope of further expansion worldwide.

**Project Organization:** The key members of the project organization are:

- **Product Manager:** Sampreet Klair
- **Lead Developer:** Harsahbaj Singh
- **Frontend Developer:** Hesam Nasirirad
- **Backend Developer:** Arshdeep Kaur
- **Quality Assurance Specialist:** Ritish Sharma
- **UI/UX Designer:** Bavleen Kaur

#### Project Manager Authority and Responsibilities

1. **Staffing** – the product manager will determine the skill requirements for the RoomieConnect project and provide them, along with specific developer's names, by July 25 to the appropriate functional managers.
2. **Budget** – the initial estimate of the project cost is \$60,000. This budget cannot be exceeded without authority from the Product Manager and Lead Developer.
3. **Communications** – status reports will be provided to the Product Manager and Lead Developer, the ~~team~~ Sponsors bi-monthly.
4. **Planning/Tracking** – this project will be tracked using the MS Project application. An earned value analysis will be provided in every other status report beginning with the second report.
5. **Change Control** – the Product manager is authorized to make project changes provided they do not exceed \$5,000 in additional cost and do not impact the schedule. Otherwise, any changes will be made through the Management Board which consists of the Product Manager alongside Lead Developer and Quality Assurance specialist.
6. **Document/System Access** – the project manager is authorized access to any company document or system related to the current project in the pursuit of this project completion.
7. **The project manager will provide a project plan** to the Sponsor no later than June 30. The project plan will include a description of the work, schedules, budget, spending plan, resource utilization charts, risk management plans, and a quality plan.

#### Support Requirements from Other Organizations:

The RoomieConnect app is a crucial app for solving the current accommodation crisis, so it is of utmost importance to our beneficiaries which include institutions like University of Toronto, Seneca Polytechnic and Ontario Student Federation.

## Approvals:

S.K

---

Product Manager

H.S.

---

Lead Developer

H.N.

---

Frontend Developer

A.K.

---

Backend Developer

R.S.

---

Quality Assurance Specialist

B.K.

---

UI/UX Designer

# Work Breakdown Structure

