

3. PROJECT MOTIVATION

Many students face difficulties and high costs while commuting to college. In most cases, they have to change two buses/taxis to reach campus, spending about ₹60 per day (~₹1200 per month). At the same time, riders with bikes spend around ₹2000 per month on fuel while traveling alone.

This project is motivated by the idea of directly connecting two students from the same college—a rider and a passenger—so that:

The passenger avoids multiple transfers, saving both money and travel time.

The rider reduces fuel expenses by receiving contributions from the passenger.

The platform charges a small fee from both sides to sustain operations.

Student ambassadors (paid by the platform) help with promotion and basic verification, instead of direct college involvement.

The outcome is a win–win solution that makes commuting cheaper, faster, and more reliable for students.

4. PROJECT SCOPE

The project will develop a ride-sharing website for college students.

Scope includes:

1. Student-Only Registration – Only valid college students can register (using college ID).
2. Rider Module – Riders can post rides with details like route, timings, and seat availability.
3. Passenger Module – Students can search rides going directly to their college, avoiding bus/taxi transfers.

4. Ambassador System – A student ambassador in each college, employed and paid by the platform, to promote the service and ensure authenticity.

5. Payment System – Nominal platform fee collected from both rider and passenger.

6. Cost-Sharing – Example: Passenger pays ₹700–₹800 monthly instead of ₹1200, while rider reduces their ~₹2000 monthly fuel cost.

7. Safety Features – Student-only access, rider verification, ratings, and ride detail sharing.

Not in scope: Direct involvement or control by college administration.

5. PROJECT OBJECTIVES

1. Reduce daily commute costs for students by offering direct rides to college.

2. Eliminate the inconvenience of multiple bus/taxi transfers.

3. Provide riders with a way to recover part of their monthly fuel costs.

4. Build trust and adoption through a college ambassador program.

5. Establish a sustainable platform with revenue from small service fees.

6. Deliver a web platform first, with future expansion into a mobile app.

6. PROJECT DELIVERABLES

Ride-Sharing Website with:

Rider dashboard (ride posting & seat management).

Passenger dashboard (ride search & booking).

Ambassador dashboard (promotion & verification).

Authentication system (college ID + phone/email verification).

Payment handling system (nominal platform fee collection).

Cost-sharing calculator for monthly settlements.

Database to store rides, users, and transactions.

Ratings & feedback module for accountability.

Documentation (technical report, testing report, user guide).

7. INDUSTRY / SOCIAL IMPACT

Industry Impact

Creates a new niche model for student ride-sharing, unlike Ola/Uber, focused on cost and trust.

Reduces reliance on public transport transfers, improving convenience.

Builds a scalable system for expansion to other colleges.

Social Impact

Lowers travel costs (passenger: ₹1200 → ₹700–₹800; rider fuel cost: ₹2000 → reduced by cost sharing).

Saves time by avoiding two taxi/bus transfers.

Encourages eco-friendly transport by reducing vehicles on the road.

Builds community trust, since only same-college students can ride together.

Provides income opportunities for student ambassadors.