

2025

Campus

Ride sharing app



FOR SOFTWARE
ENGINEERING'25

PRESENTED BY
KHAABU

Problem Statement

01

- Students and faculty struggle to find others going to the same destination.
- Lack of coordination leads to:



**HIGHER
COST**



TRAFFIC



**CO2
FOOTPRINT**

- No dedicated platform exists for college-specific ride-sharing groups.

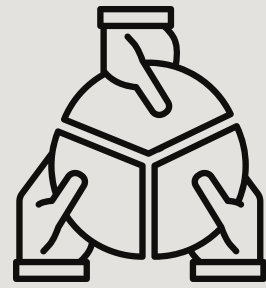


SOLUTION

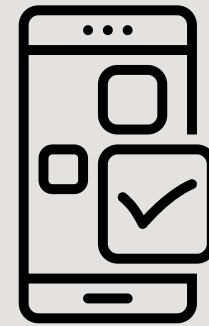
02



Match
students/faculty
with similar
routes by prompt



Create ride-
sharing groups
easily



In-app
communication
and scheduling

FEATURES

AUTHENTIATION

- EMAIL VERIFICATION
- PROFILE SETTINGS

TRIP POSTING

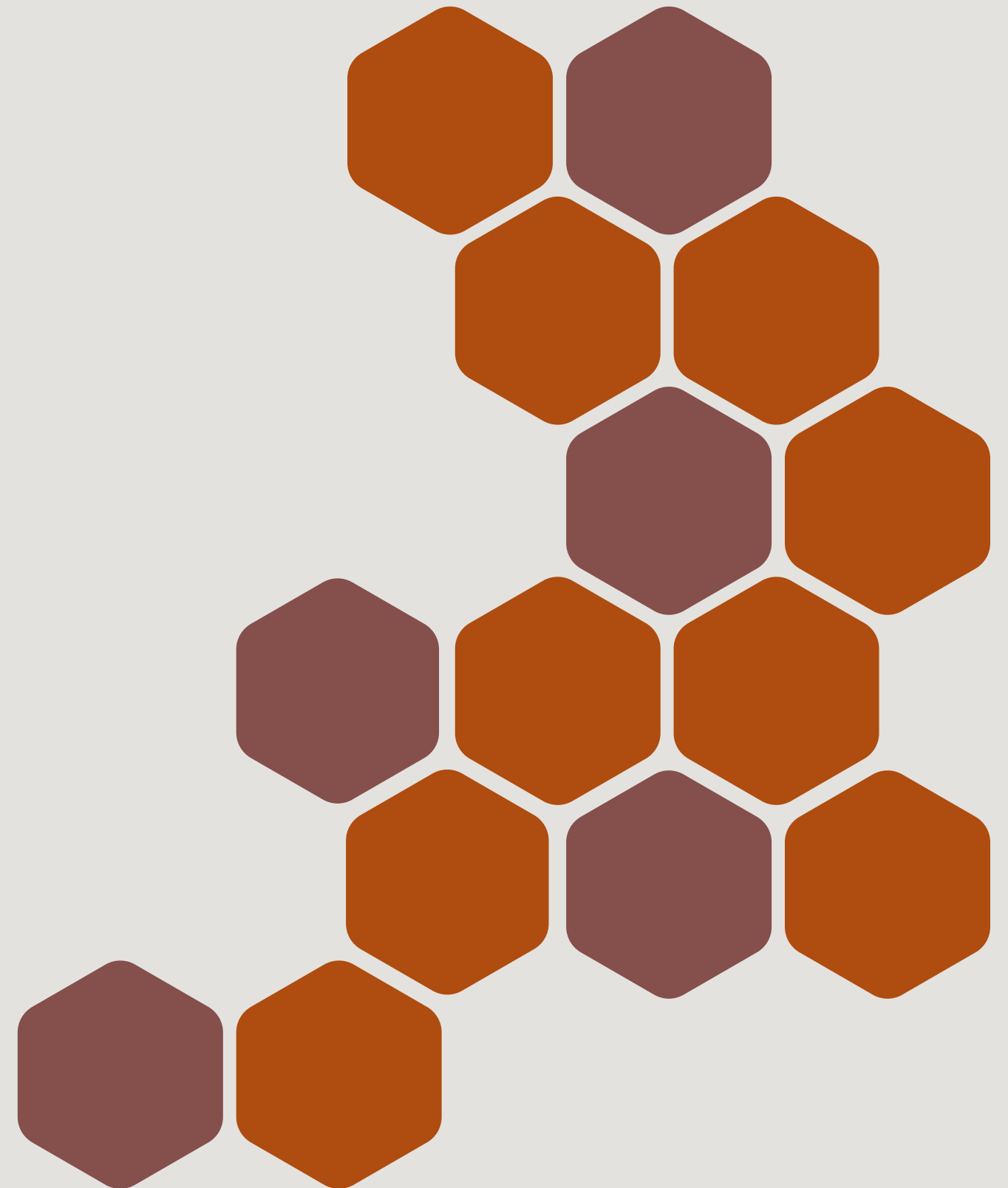
- TRIP FROM INPUT FEATURES
- GROUP MANAGEMENT
- RATINGS AND FEEDBACK
- PROFILE TRANSPERANCY

GROUP CHAT

- REAL TIME MESSAGES
- POLLS/VOTING
- CHAT HISTORY
- LOACTION SHARING
- PUSH NOTIFICATIONS

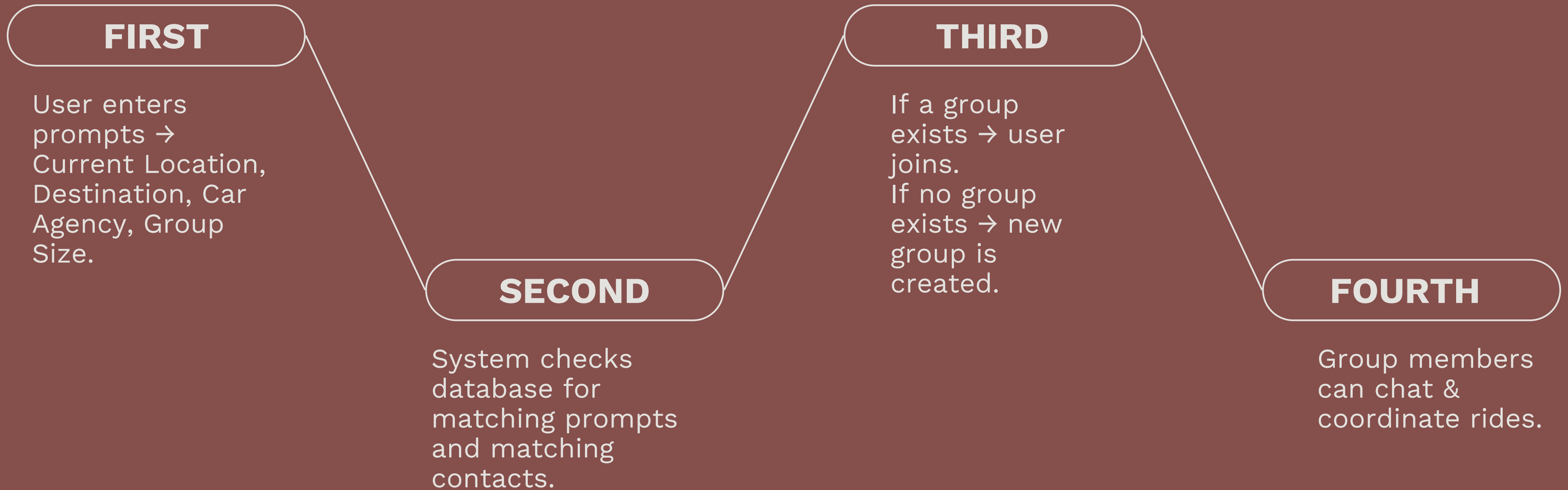
CIRCLE OF TRUST

- 1ST, 2ND AND 3RD DEGREE CONTACT MATCHING



IMPLEMENTATION

03



Tech Stack

04

FRONTEND

- REACT NATIVE (MOBILE)
- TAILWIND / MATERIAL UI
- GOOGLE MAPS API (LOCATION & DISTANCE)

BACKEND

- NODE.JS + EXPRESS (REST APIS)
JWT / FIREBASE AUTH
(COLLEGE LOGIN)

DATABASE

- POSTGRESQL (USERS,
GROUPS, MEMBERSHIP)

