

SERVICE MANAGEMENT SYSTEM



Global Position Services

GPS Modules in Each Bus



Online Payment System

***Mobile Application
For Studens***



What is the issue?

Student's problems about dormitory services

- Unknown service times
- Difficulties to find available seats on the services

Service Driver's problems about dormitory services

- Unpaid services charges
- Difficulties to schedule service times and service size



Previous Solutions to These Problems




- Trying to schedule service bus departure times.
- Warning people who did not pay the charge.

**Previous solutions were not
working all the time!**

What to do?!





Aha!

A hand-drawn speech bubble with a thick black outline. The bubble is irregularly shaped, resembling a cloud or a drop. Inside the bubble, the word "Aha!" is written in a bold, black, hand-drawn font. The background of the image is a gradient, transitioning from orange at the top to light blue at the bottom.

What is our solution?

- A mobile application for students to reserve a place for the next bus
- GPS system in each services for students to see the current service location from mobile app
- Dormitory cards with chip
- Card reading system in each services
- A membership system for students and drivers
- Online payment system for students to pay charge easily



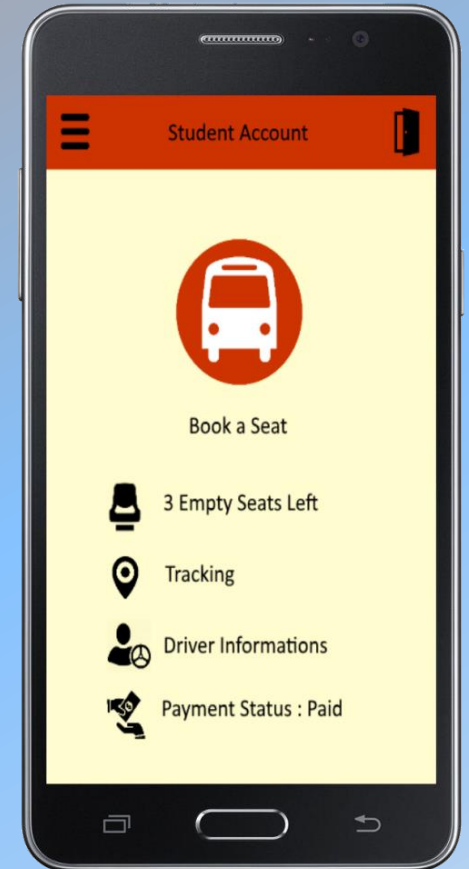
The Main Requirements

Hardware Requirements

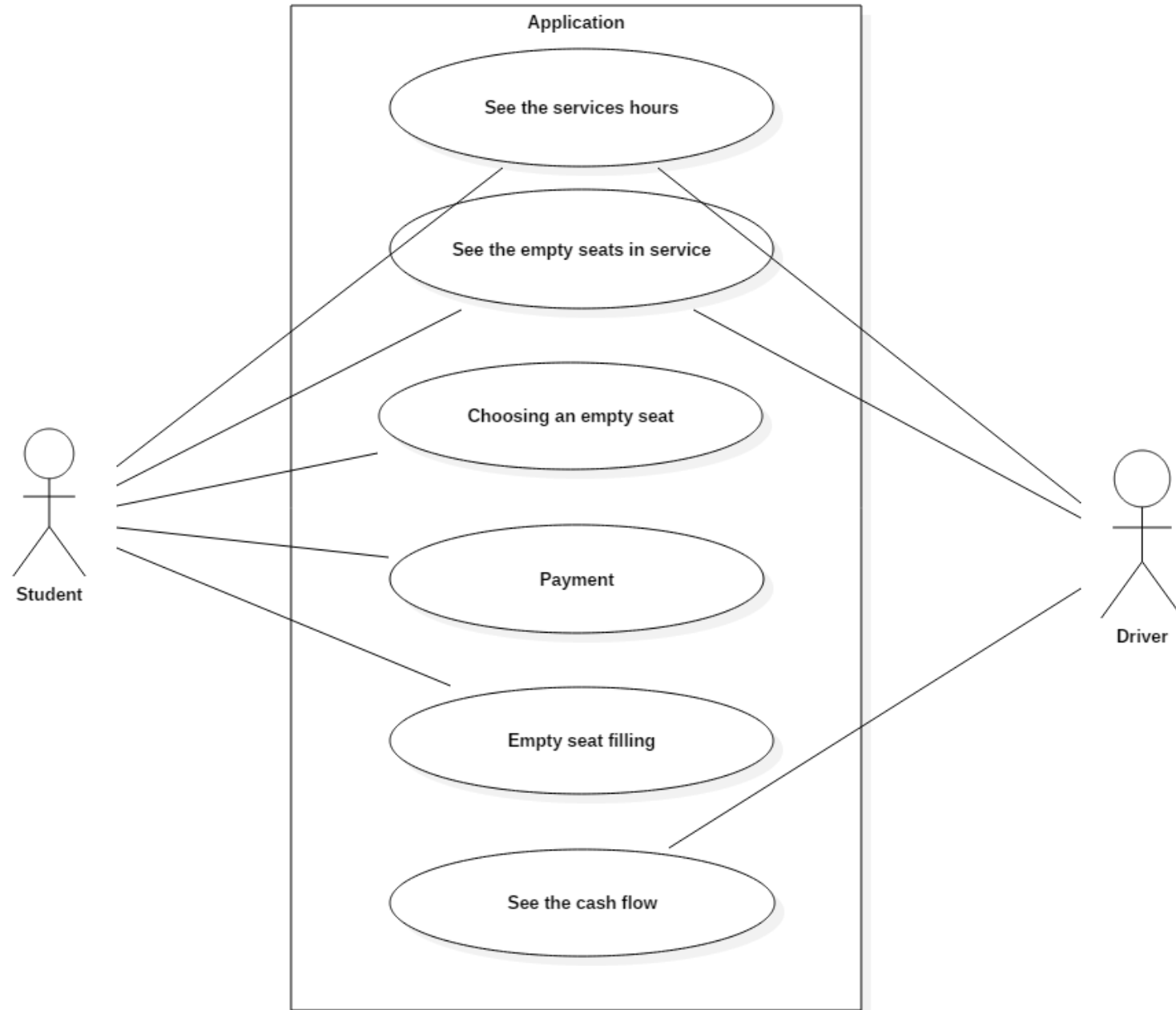
- A web server to maintain website and mobile application
- Card Reading system via chips for each service
- GPS system for each service

Software Requirements

- A useful mobile android and ios application
- An online payment system

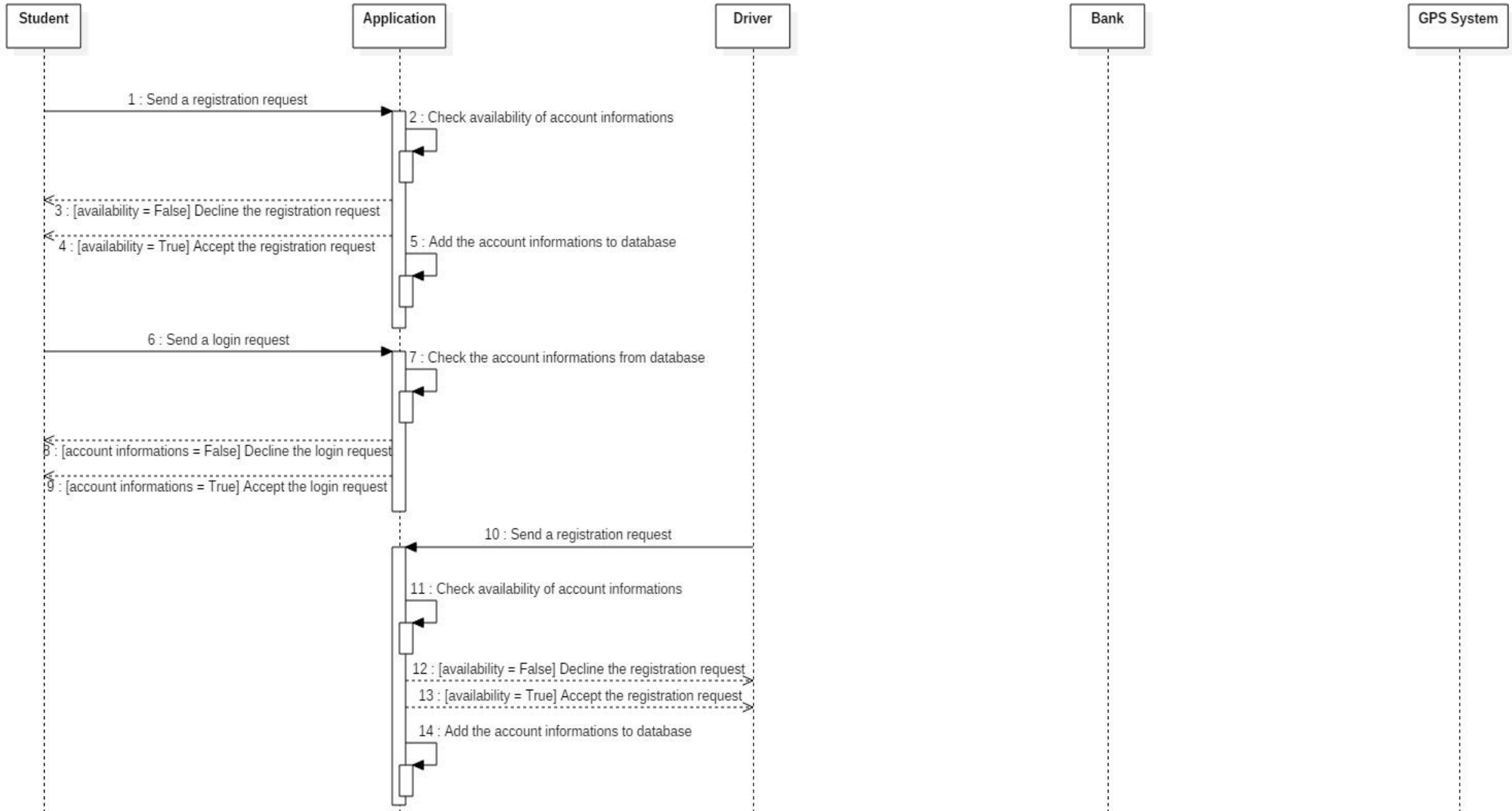


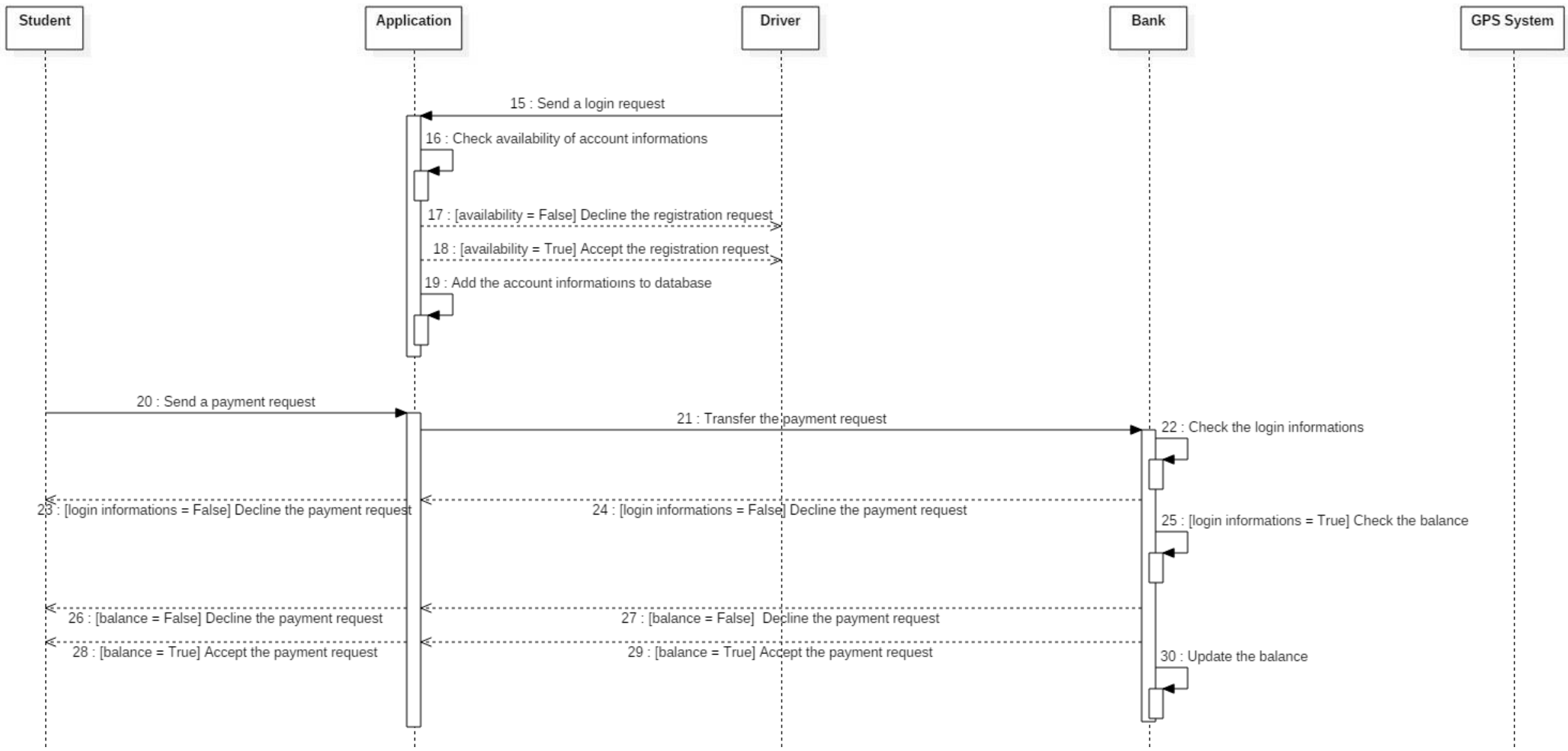
USE CASE DIAGRAM

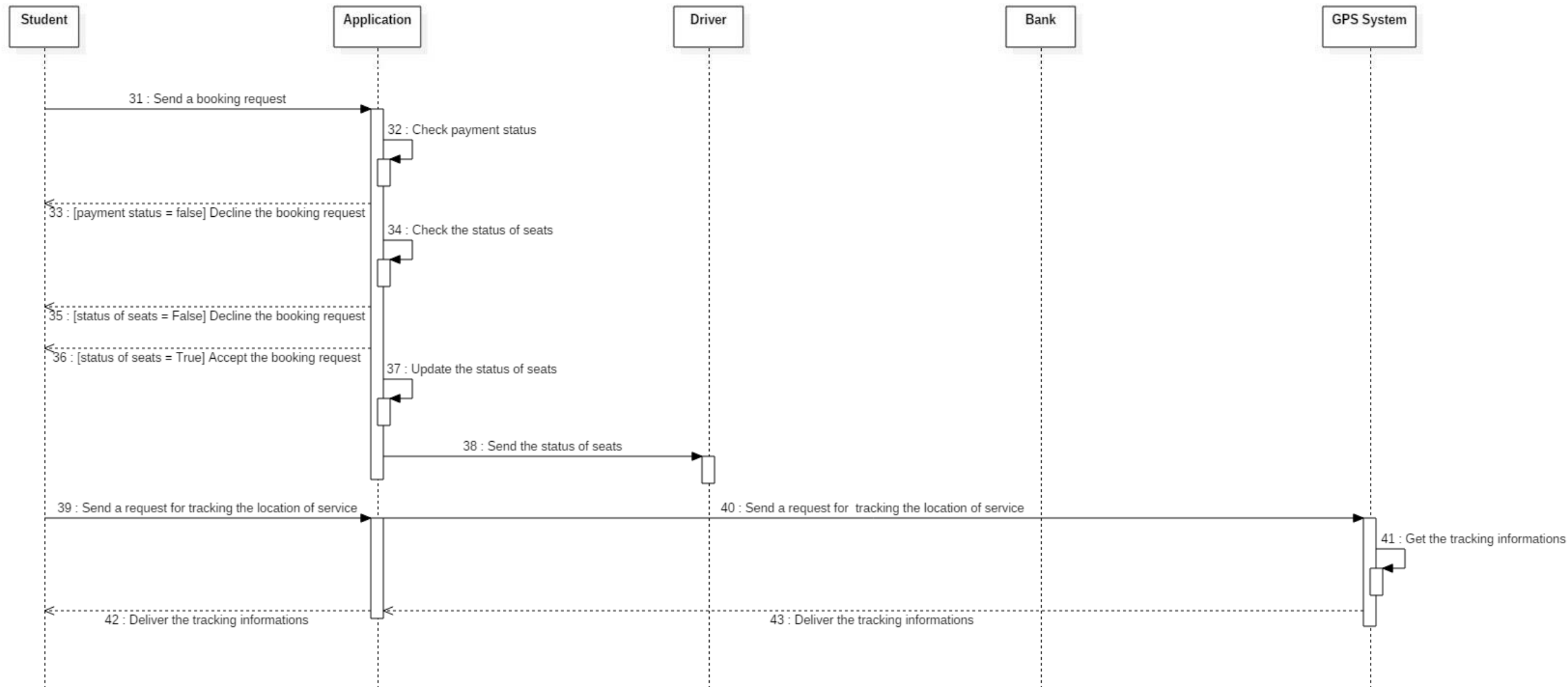


SEQUENCE DIAGRAM

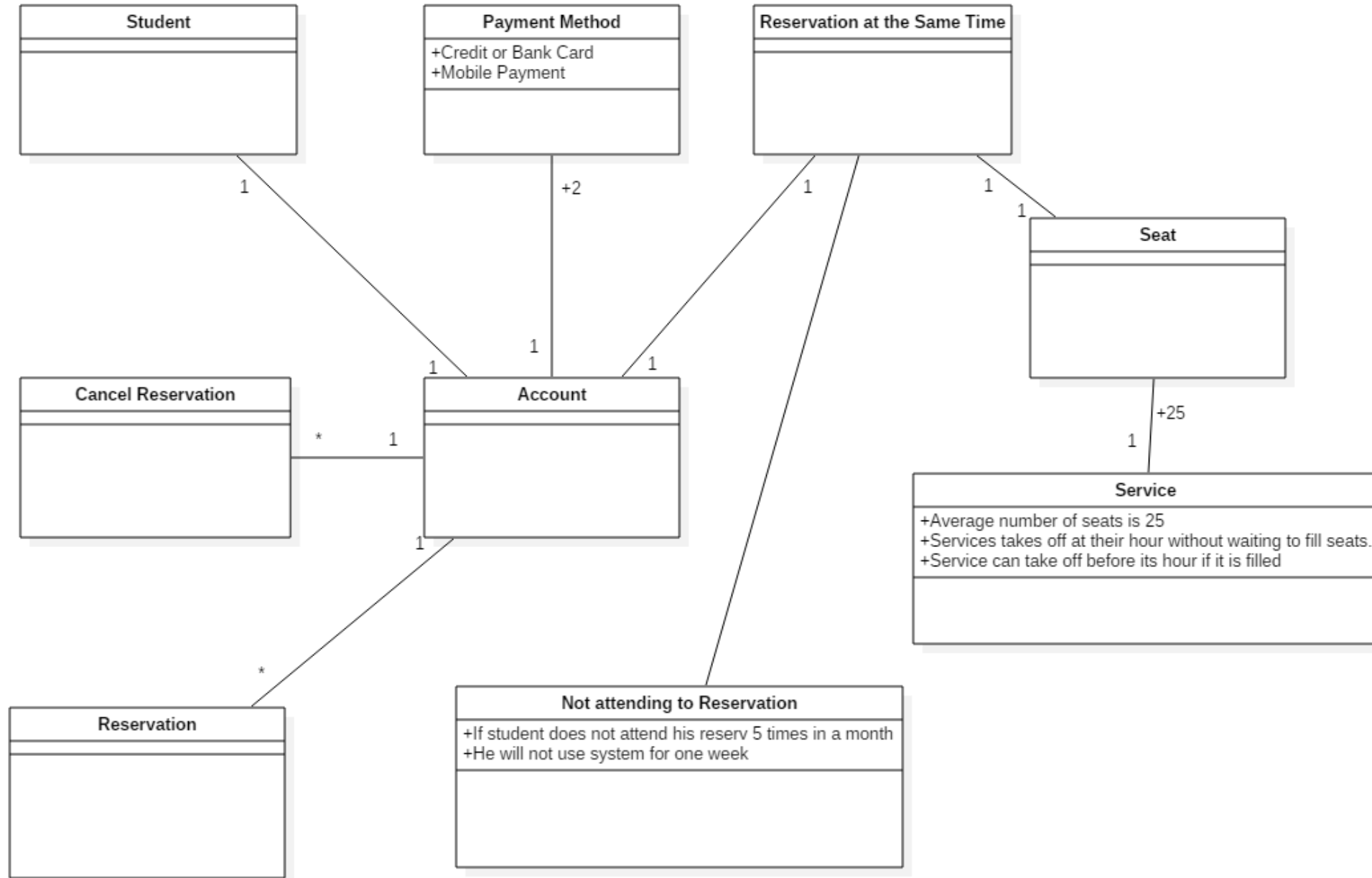
interaction SequenceDiagram







MODULE DIAGRAM



What does our app look like?



DORMITORY SERVICE SYSTEM



E-Mail



Password



Login



Student Account



Book a Seat



3 Empty Seats Left



Tracking

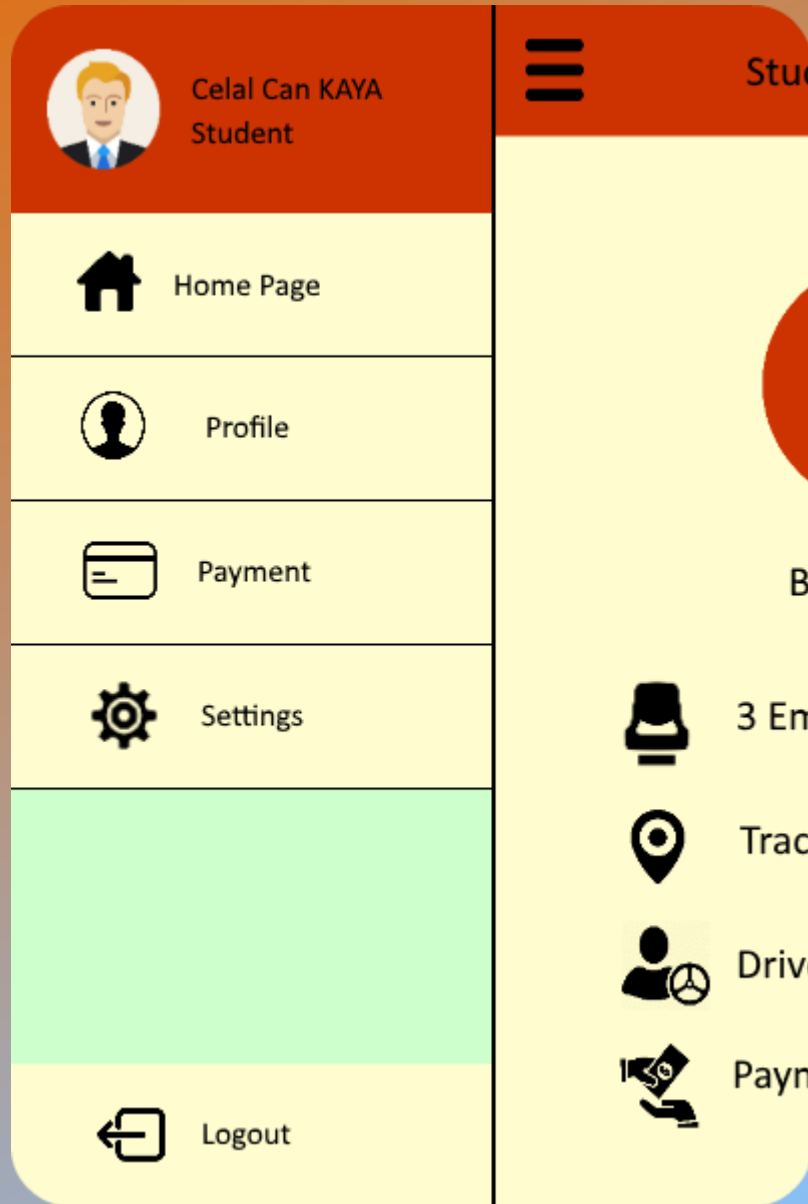


Driver Informations



Payment Status : Paid

What does our app look like?



The screenshot shows the 'Driver Account' interface. At the top, there is a header bar with a red background. On the left, there is a hamburger menu icon. On the right, there is a door icon. Below the header, there is a green bar with the text 'Service Number : 17' and 'Seats'. Below this, there is a table with 2 columns: 'Seat Number' and 'Driver Name'. The table contains 10 rows of data. At the bottom, there is a green bar with the text '1 Empty Seat Left'.

Seat Number	Driver Name
20	AHMET YUŞA TELLİ
21	UBEYDULLAH ÇOBAN
22	CELAL CAN KAYA
23	ELİF KELEŞ
24	MERTCAN ELÇİ
25	OSMAN ÖZTÜRK
26	CAN DURSUN TELEK
27	EFKAN DURAKLI
28	MELİS ERZEN
29	AHMET ENES GÜRBÜZ
30	EMPTY

Who are we ?



Ahmet Yuşa Telli



Osman Öztürk



Ubeydullah Çoban



Can Dursun Telek



Celal Can Kaya



Efkan Duraklı



Elif Keleş



Melis Erzen



Mertcan Elçi



Ahmet Enes Gürbüz

Thank you !



ANY QUESTIONS ?