Business Application Development
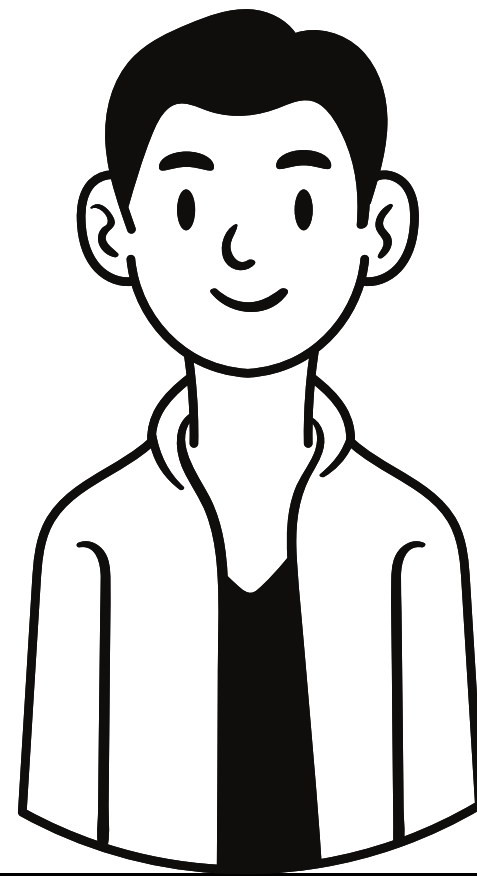
Group 4

Parking-Ku

Get to know group 4!

2401962384 - Devin Revel
2440033786 - Luis Jordy
2440053844 - Christiansen Julian Wijaya
2440010366 - Steven Tafianoto
2440066292 - Goeneari Haqim
2440045930 - Fellik Fernando
2440097234 - Felita Ailsa Nadhira
2440020436 - Marcello
2440005946 - Eunike Charista
2440015820 - Fayola
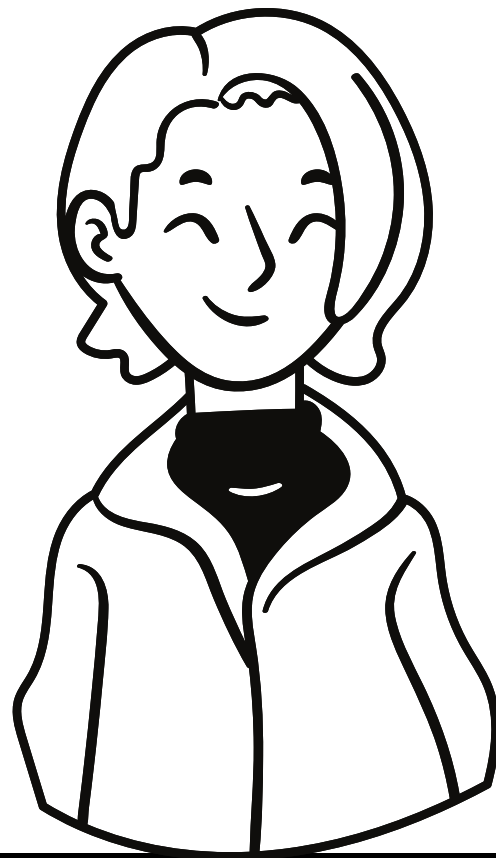2440087416 - Evan Veda

Leader

Presenter

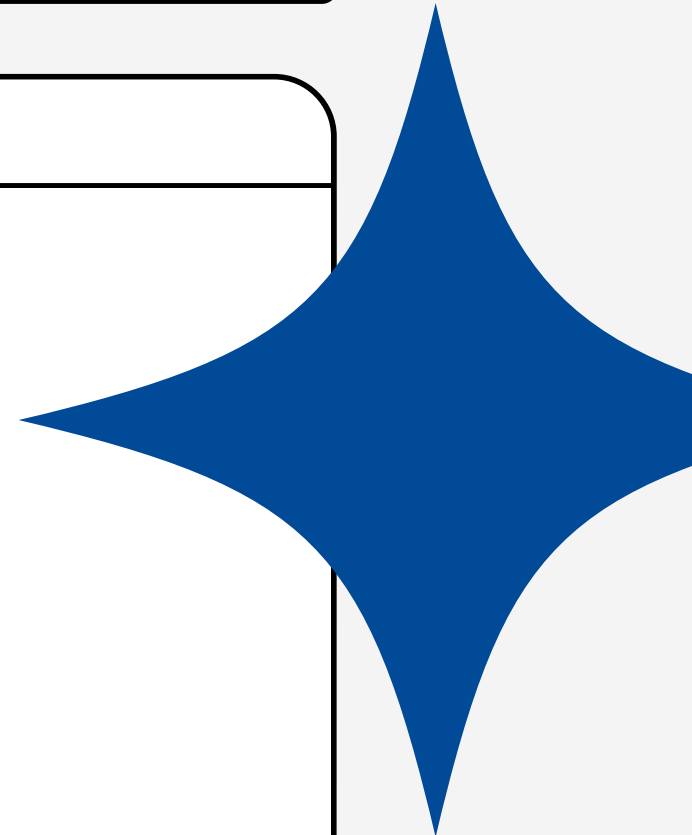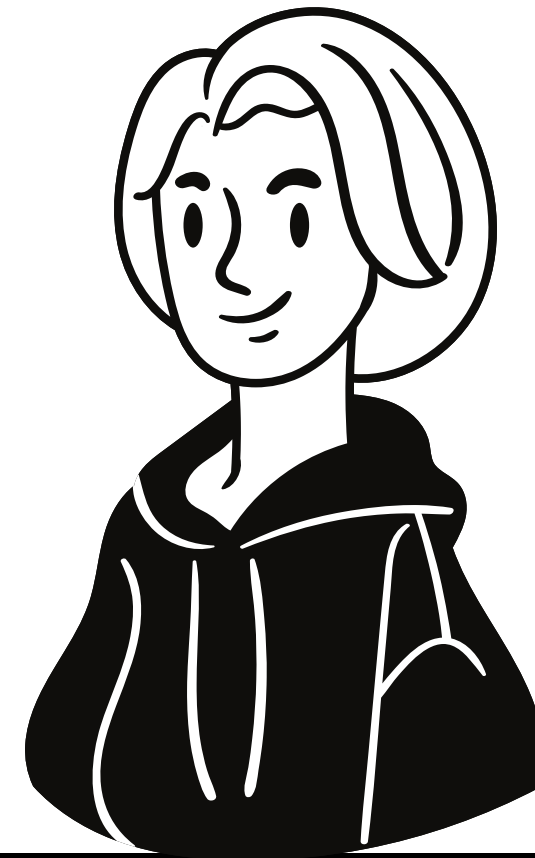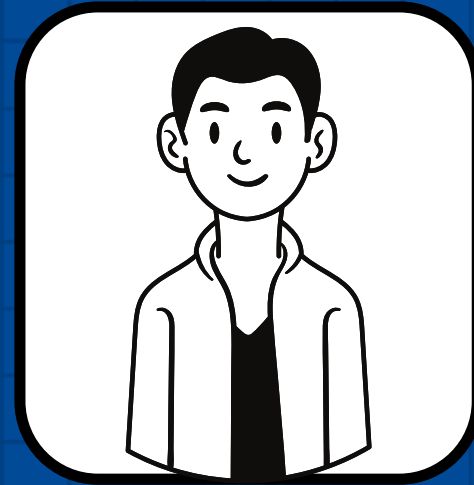✕ ⬚ — Steven Tafionoto

✕ ⬚ — Evan Veda

Coder

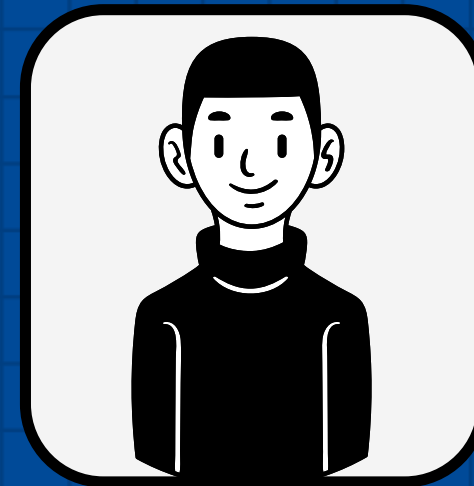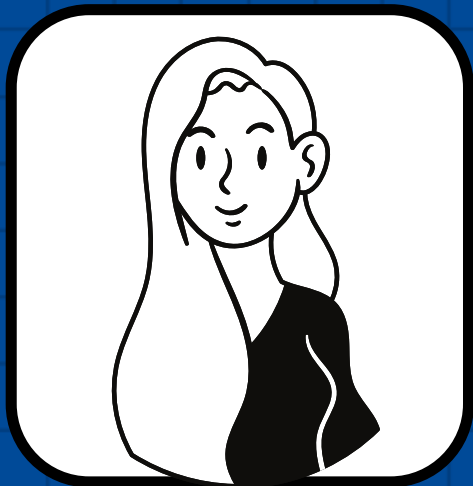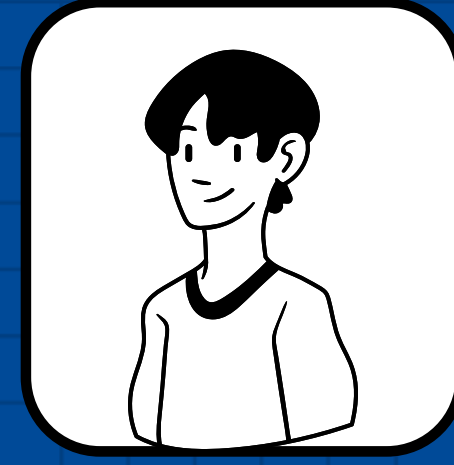Devin Revel

Fellik Fernando

Marcello

Fayola

Tester

Lois Jordy

Goeneari Haqim

Designer
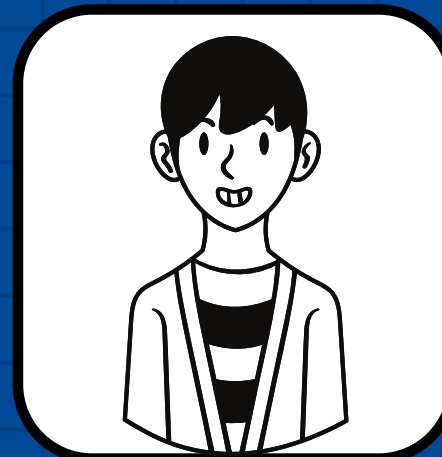
Christiansen Julian Wijaya
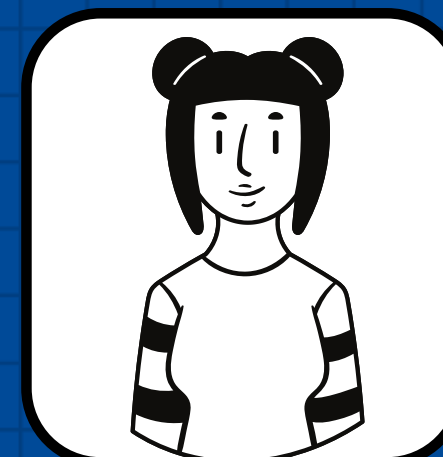
Eunike Charista

Felita Ailsa Nadhira

Overview

+ Project Background

+ Project Definition

+ Client and Project Information

+ Use Case, Activity Diagram, and Pre Design

+ Coder Scope

+ Project Timeline

Parking-Ku Background

Where do i park when there is not space ?

Background

With the growth of malls and other popular destinations in large cities, most people are having difficulty finding a parking spot because there are limited spaces available, causing people to park wherever they can find a space.

As a result, we came up with the idea to create an online-based parking app that allows customers to find parking spots easily.

Save

Cancel

Project Definition

This project is focused on developing an application for reserving parking spots in crowded areas, specifically malls. The app is named Parking-Ku, and its main goal is to book parking spaces before you enter the mall as a visitor.

All you have to do is download the app, create an account, log in, and then select the available parking space on the app's screen.

Client and Project Information
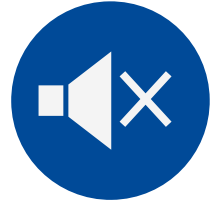
Name of Project: Parking Ticket Application
Targeted City : Tangerang Selatan, Indonesia
Area of focus: Malls

Use Case

Parking-Ku

Register Account

Log In Account

See Available Parking Space

Select Parking space

Select Payment Method

Make Payment Check Out

Receive Booking Code

Redeem Booking Ticket

Enjoy Booked parking space

Customer

Parking Employee

Parking Ticket System

Activity Diagram

Parking-Ku

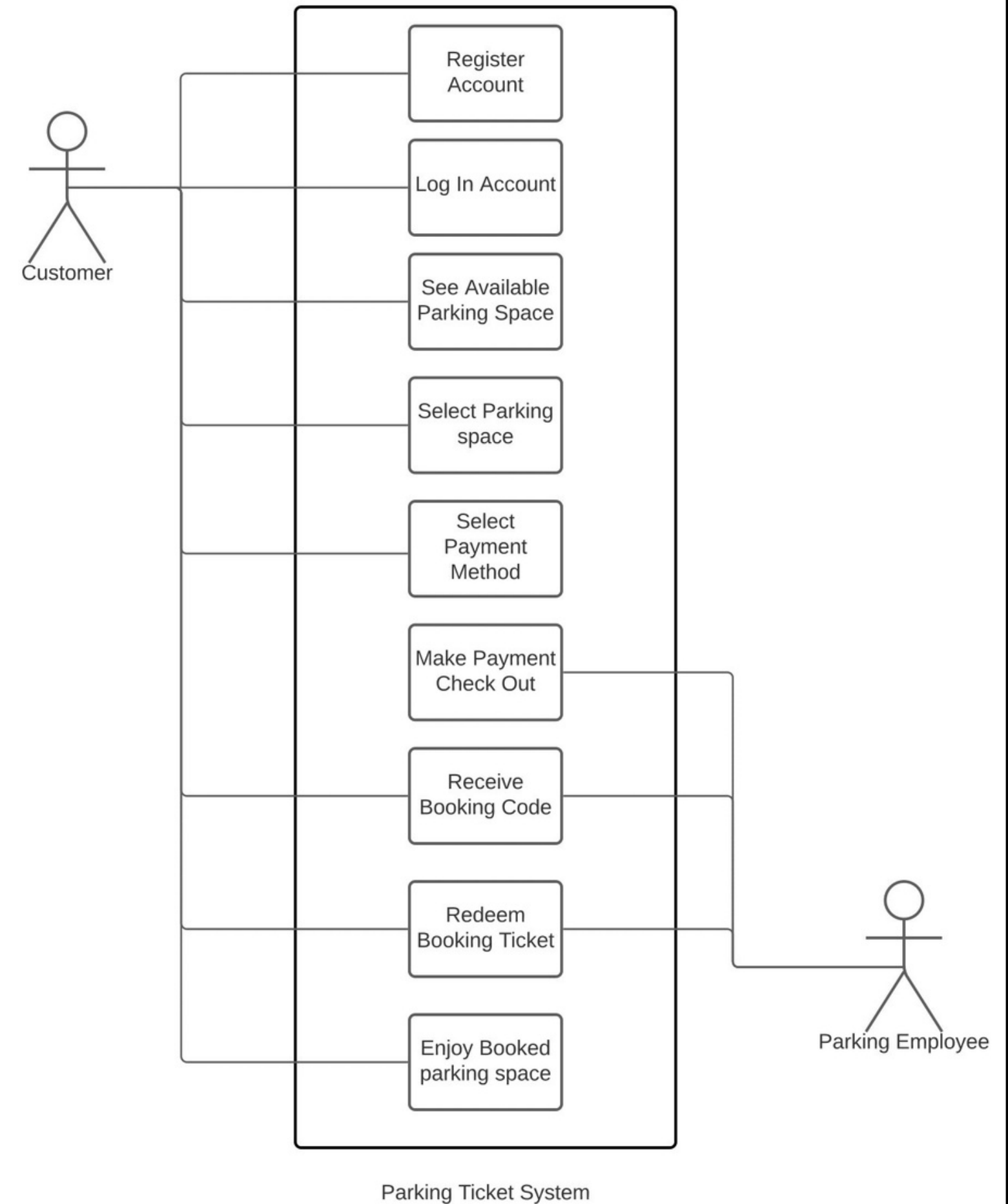| User	Application	Database

user want to book a parking space

Open Apps

Have an account ? — NO → Register Account → Save Account Data

YES

Log In Account ← Verification

Select parking space → Show available parking space

Select Payment Method → Show Payment Method

Make Payment Check out → File: Updates Car Parking space(DB)

Confirm Booking? — No →

Yes → Generate booking code

Generate parking ticket → Receive Booking Code

Terminate Used Parking Ticket ← Reedem parking Ticket

User Finish Booking

Pre - Design

Parking-KU

Username

Password

LOG IN

REGISTER

ParkingKU

Name

Username

Password

Confirm Password

REGISTER

ParkingKU

History

Nama Pemilik Kendaraan

Jenis Kendaraan
Must Select One

SUV

Nomor Kendaraan

NEXT

ParkingKU
Parking Available

1-A	1-B	1-C
2-A	2-B	2-C
3-A	3-B	3-C

ParkingKU

1B

SUV

Terima kasih sudah menggunakan layanan kami

DONE

Coder Scope

1 Register

2 Login Page

3 Home Page

Enter Car Name

Enter Car Number Plate

4 Select Parking Space

5 Display Chosen Parking Space & Booking Code

Click 'Next' Button

Team Coder 1
Fellik Fernando
Devin Revel

Team Coder 2
Fayola
Marcello

Project Timeline

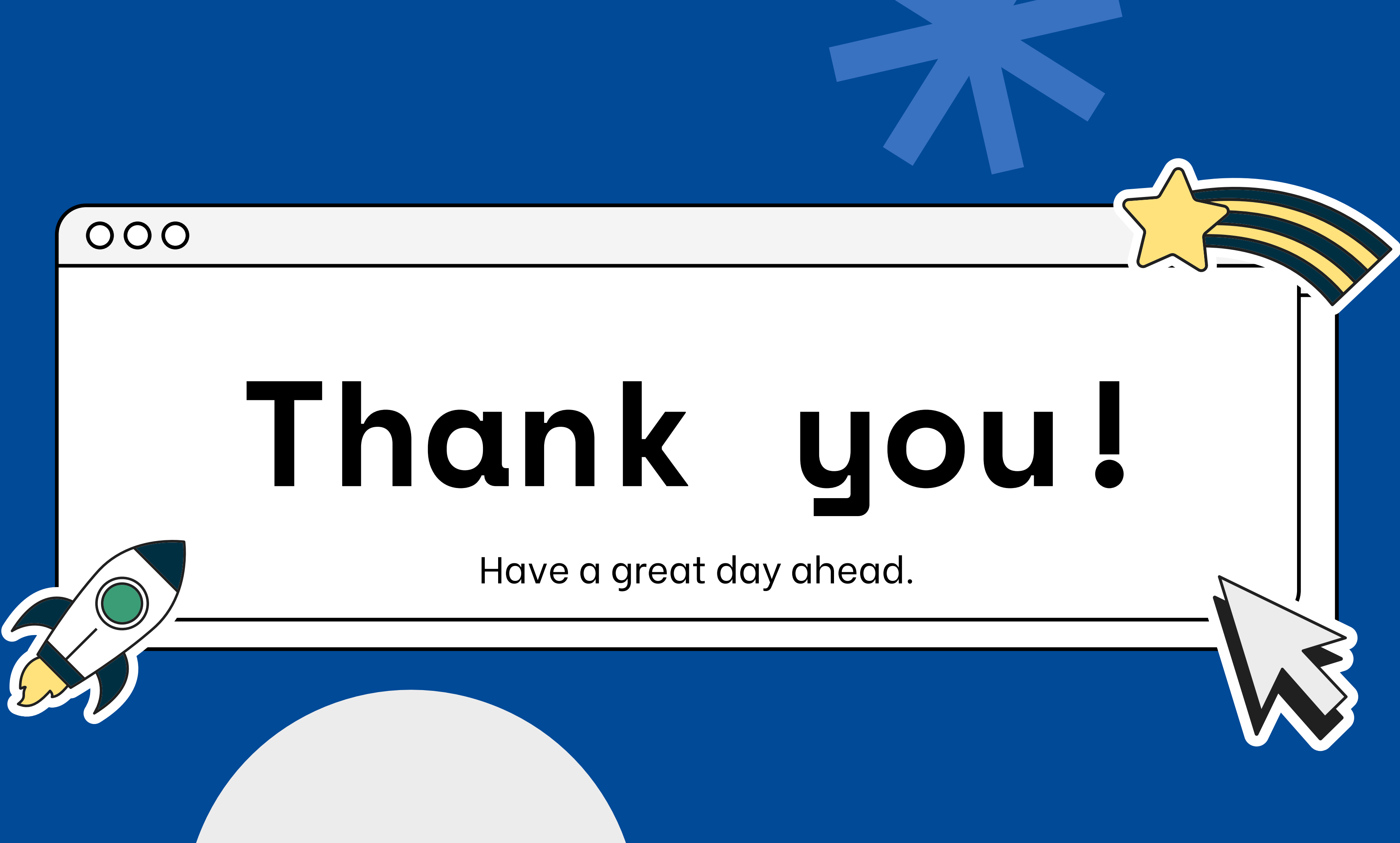| Tasks		Start Date	End Date	Duration (days)
Session 1	Decide Who doing What	21/09/2021	04/10/2021	14
Session 2	Use Case Discovery	05/10/2021	11/10/2021	7
Session 3	Use Case and Activity Diagram	12/10/2021	18/10/2021	7
Session 4	Sprint #1 (First presentation)	19/10/2021	19/10/2021	1
Session 5	Sprint #2 (Develop code and design)	20/10/2021	25/10/2021	6
Session 6	Sprint #3 (Develop code and design)	26/10/2021	01/11/2021	7
Session 7	Sprint #4 (Develop code and design)	02/11/2021	08/11/2021	7
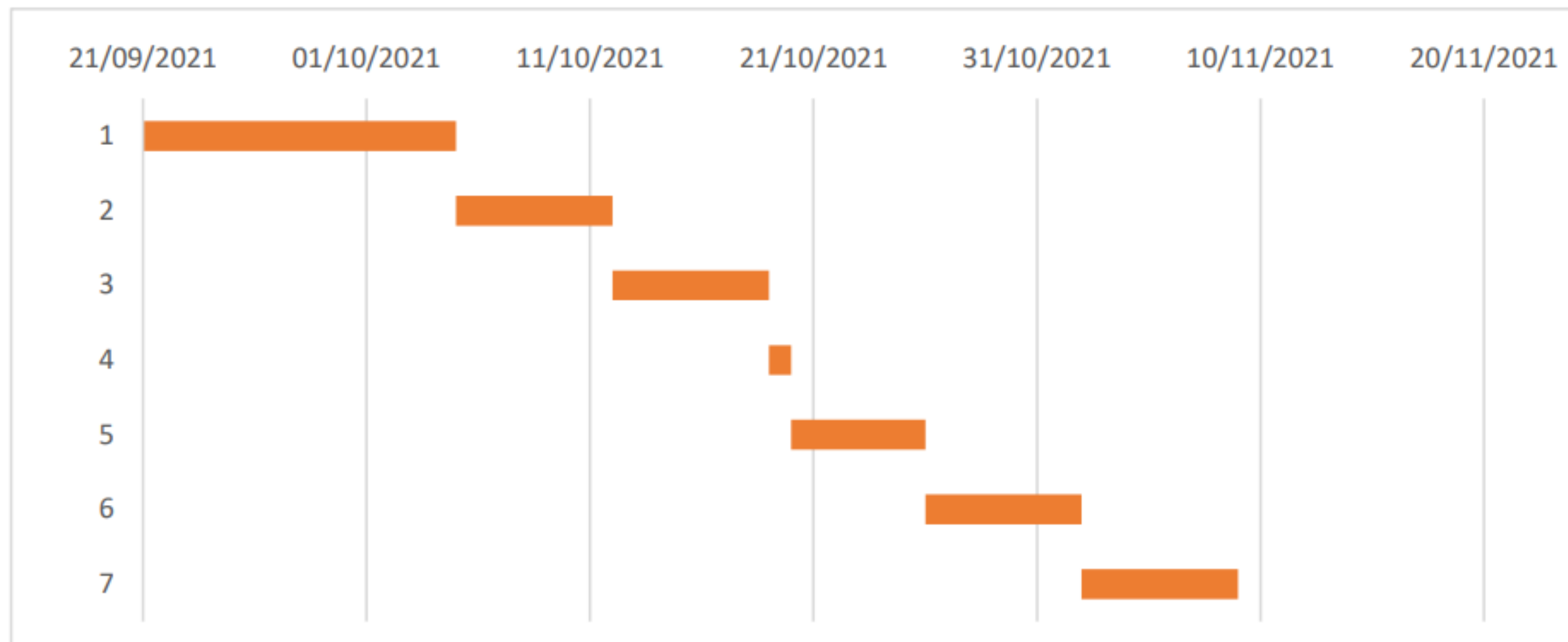
Are you ready
see our program?

Video Demonstration:

https://youtu.be/SHMpBmLhlog

Thank you!

Have a great day ahead.