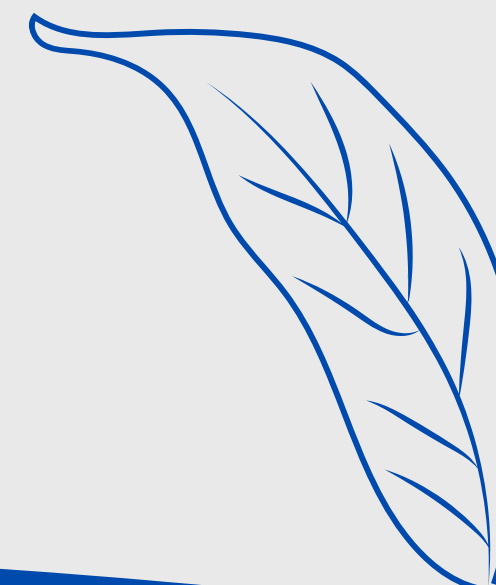
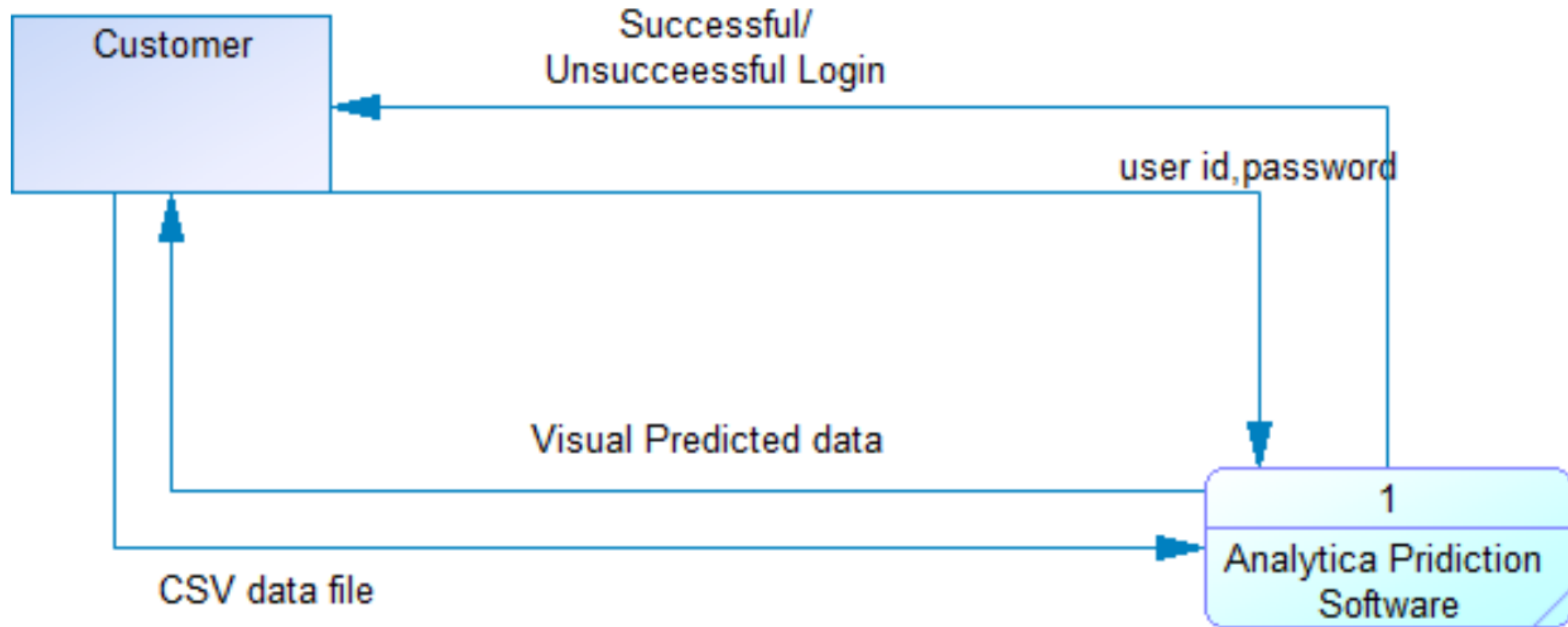


# ANALYTICA

Taking Wise Decisions



# Context Diagram



# Functional Summary

## (User Stories)



1

As a user, I want a safe and secure online payment system to pay in-app purchases.

2

As a user, I want highly visualized output of my analyzed data.

3

As a user, I want optimized analysis of my several inputs

4

As a user, I need to know remaining days left in my premium

5

As a user, I want feedback section in software to express my user experience to software.

6

As a user, I want to view past analysis of my user inputs.

# Functional Summary

## (User Stories)



7

As a user, I want to know the best subscription suitable for my usage

10

As a novice user, I want clean and user-friendly interface

8

As a user, I want some guidance from experts to analyze my data and help me make decision

11

As a user, I want high security of my stored data

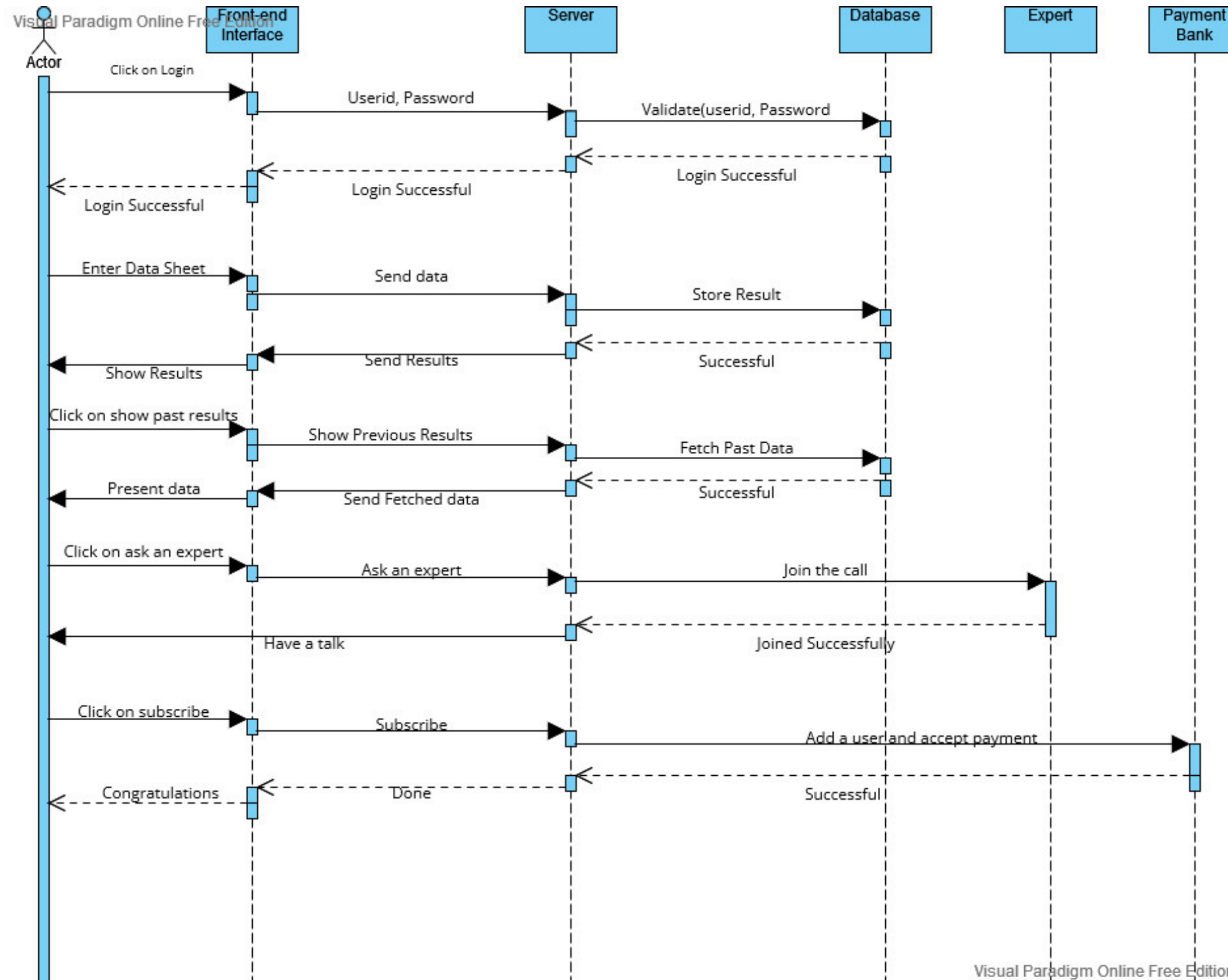
9

As a user, I want customer support in case I face some technical problems.

12

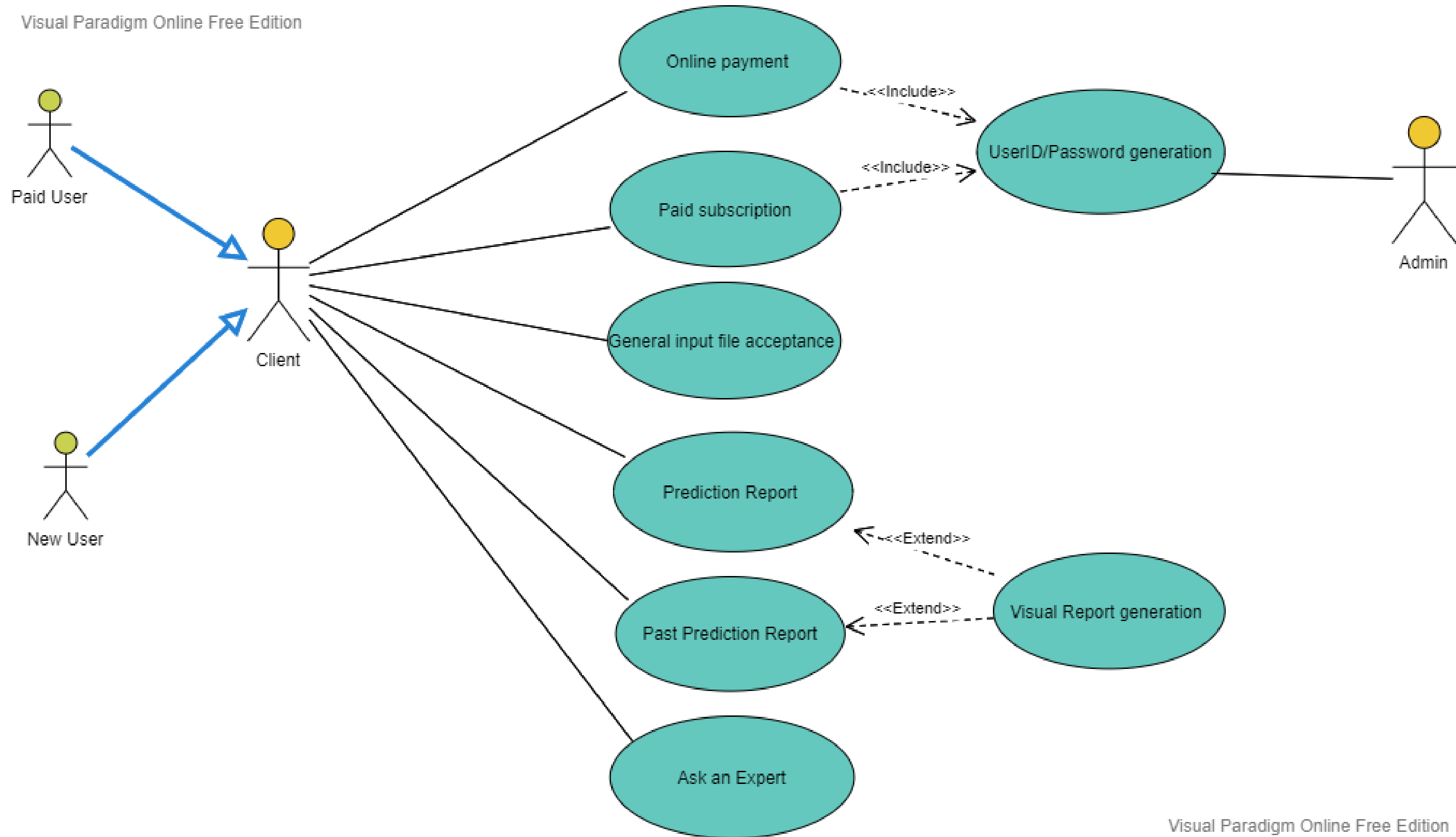
As a user, I want the application to remember me for a while after login.

# Sequence Diagram



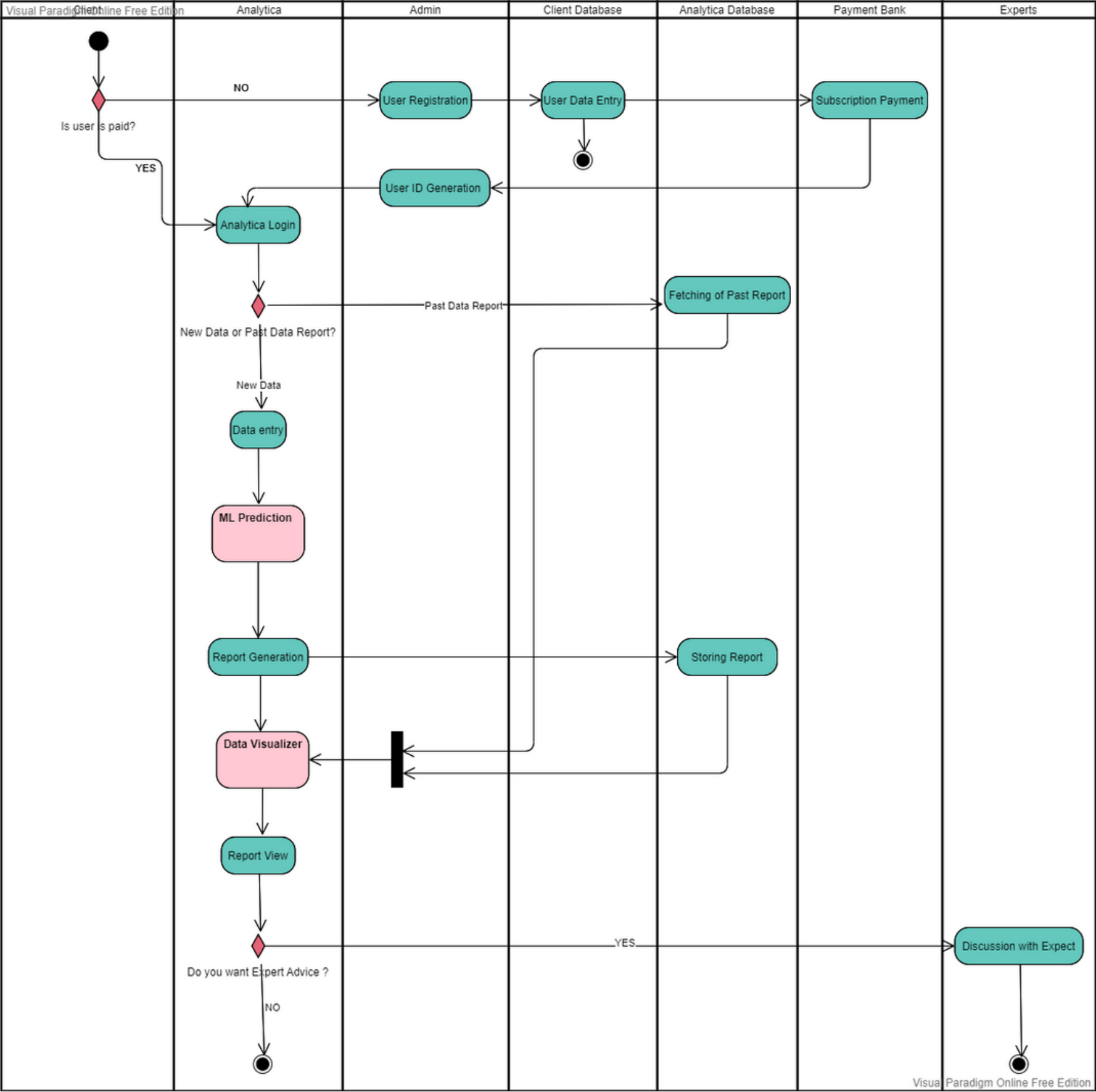
# Top Level Use Case Model

Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition

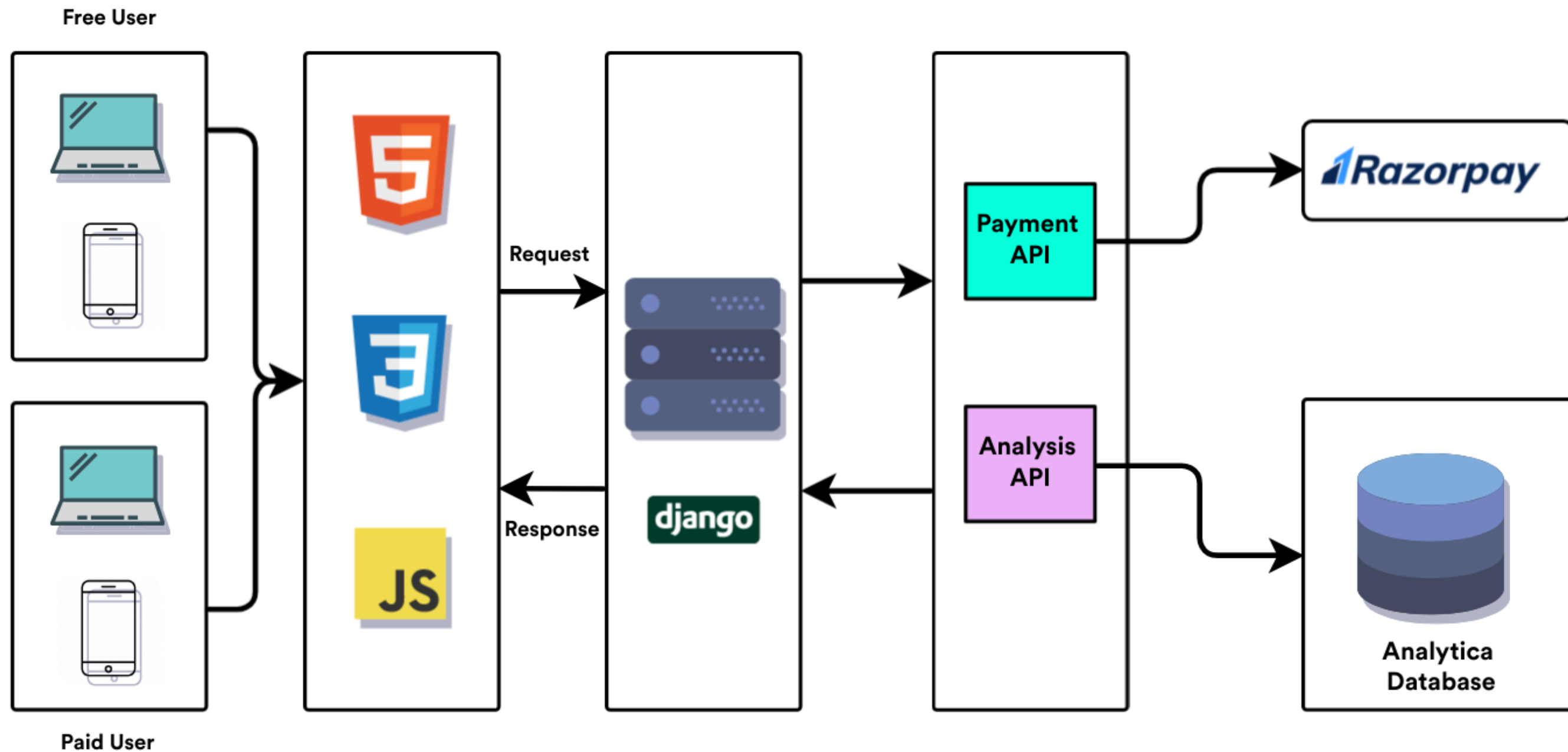
# Activity Diagram





# Application Architecture

## ANALYTICA - Application Architecture





# Technologies / Tools and Libraries

## Front End

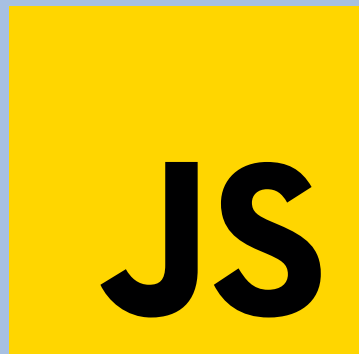
**HTML**



**CSS**



**JS**



**B**



## Python Framework



Streamlit

# Technologies / Tools and Libraries

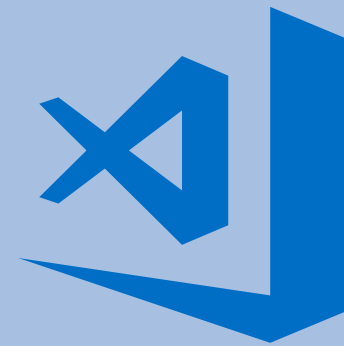
## Back End

 python<sup>TM</sup>  
**django**

## Database

 SQLite

## Tools



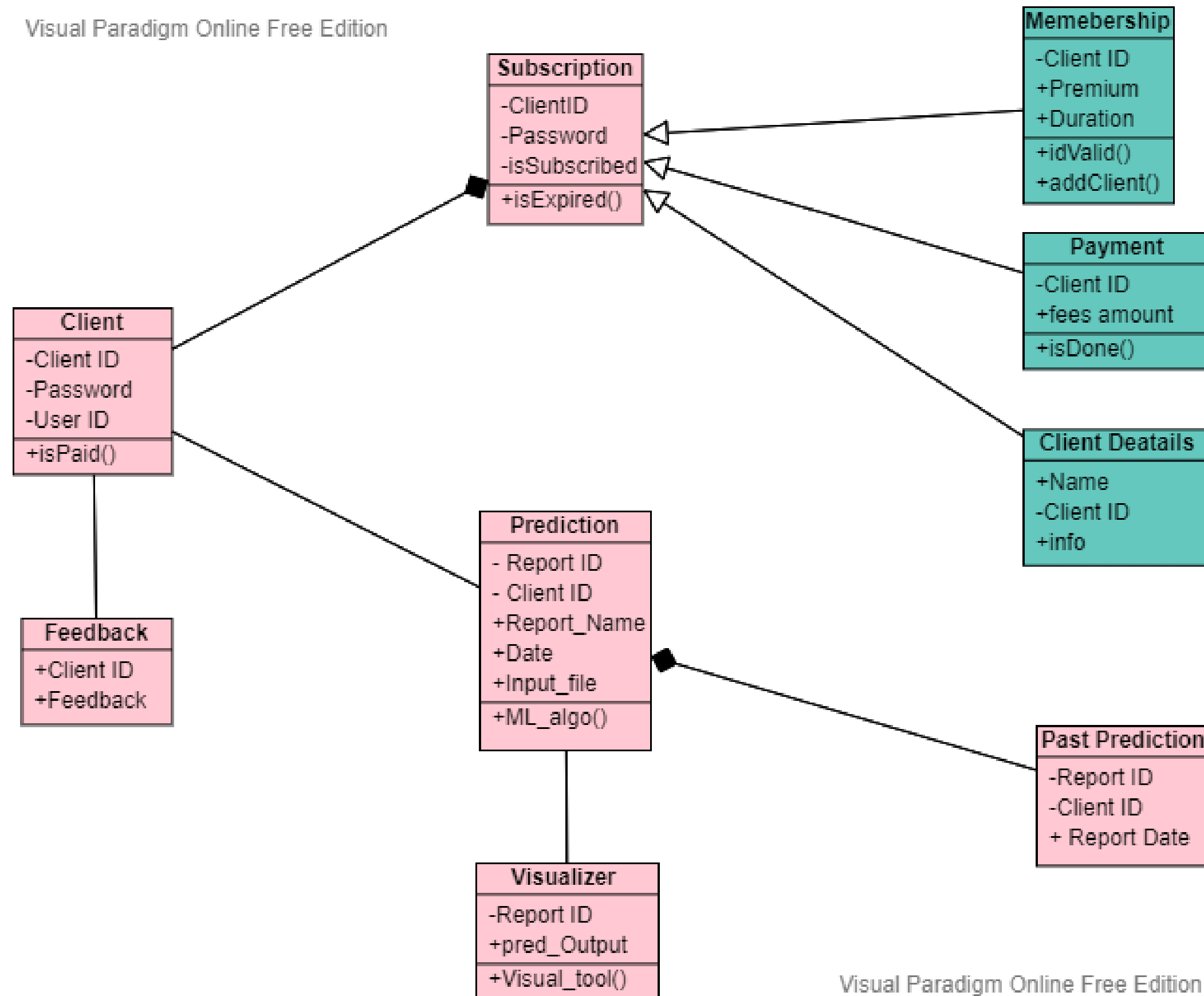
**github**

Google

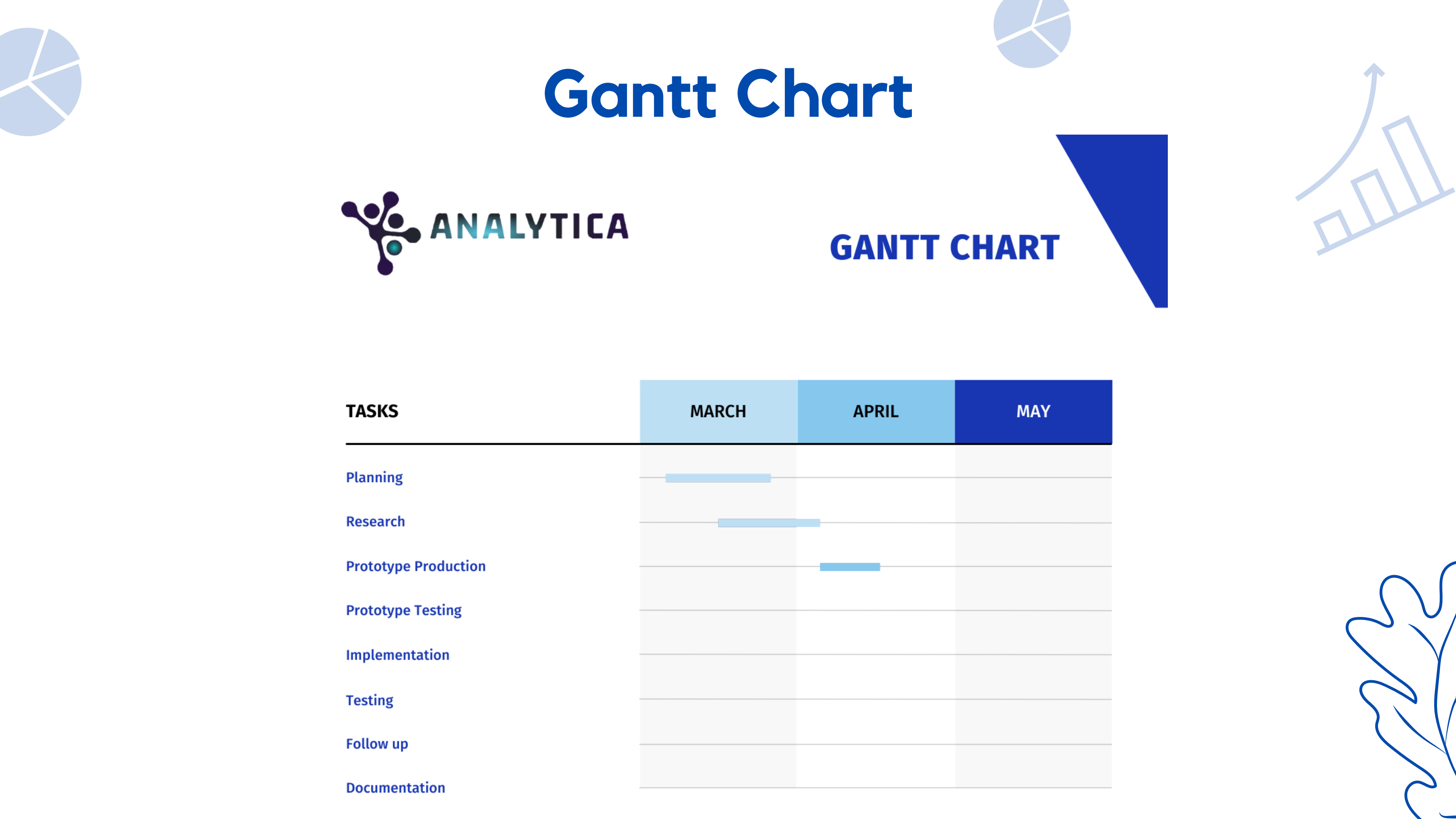
**colab**

# Class Diagram

Visual Paradigm Online Free Edition



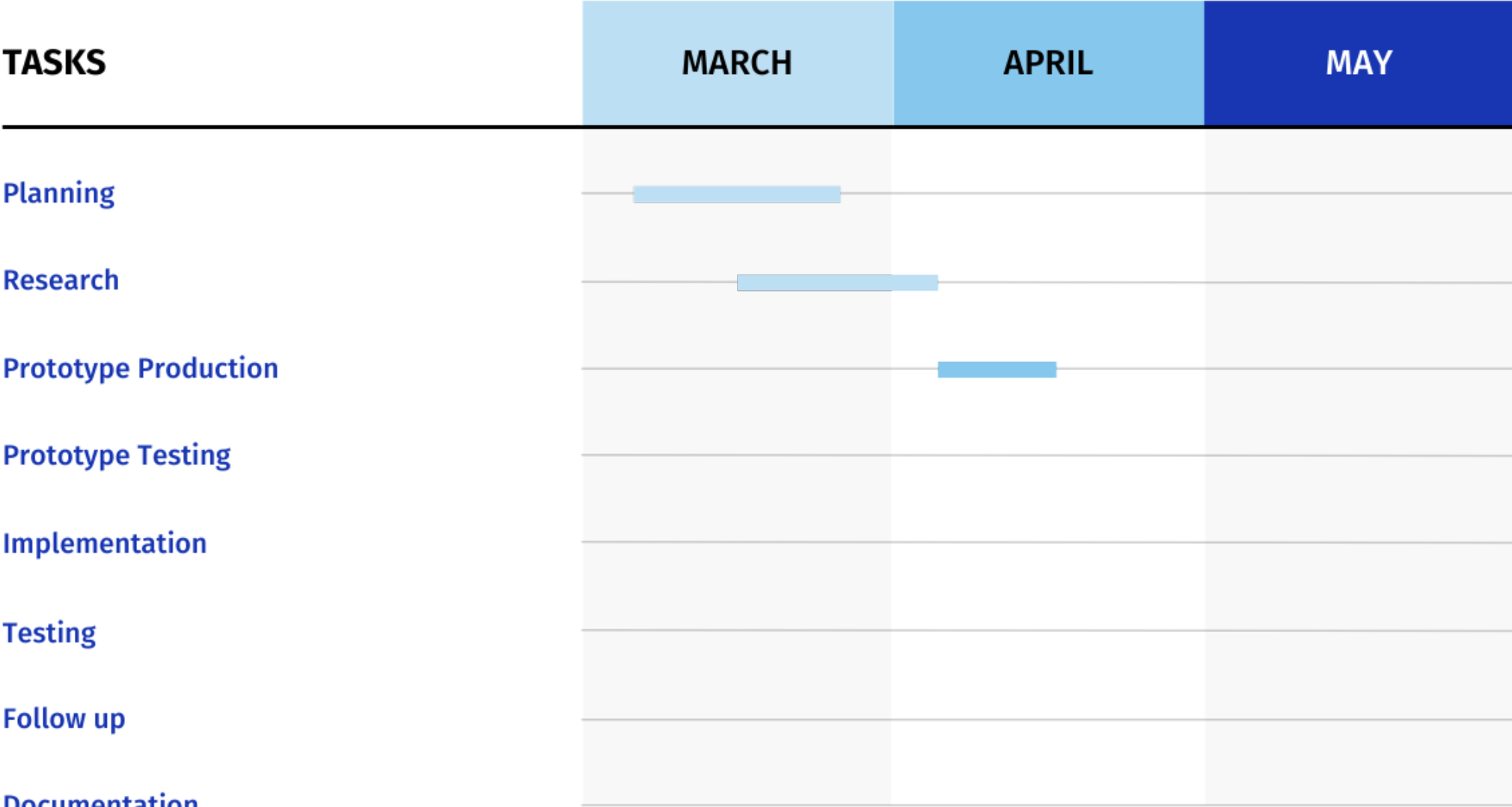
Visual Paradigm Online Free Edition



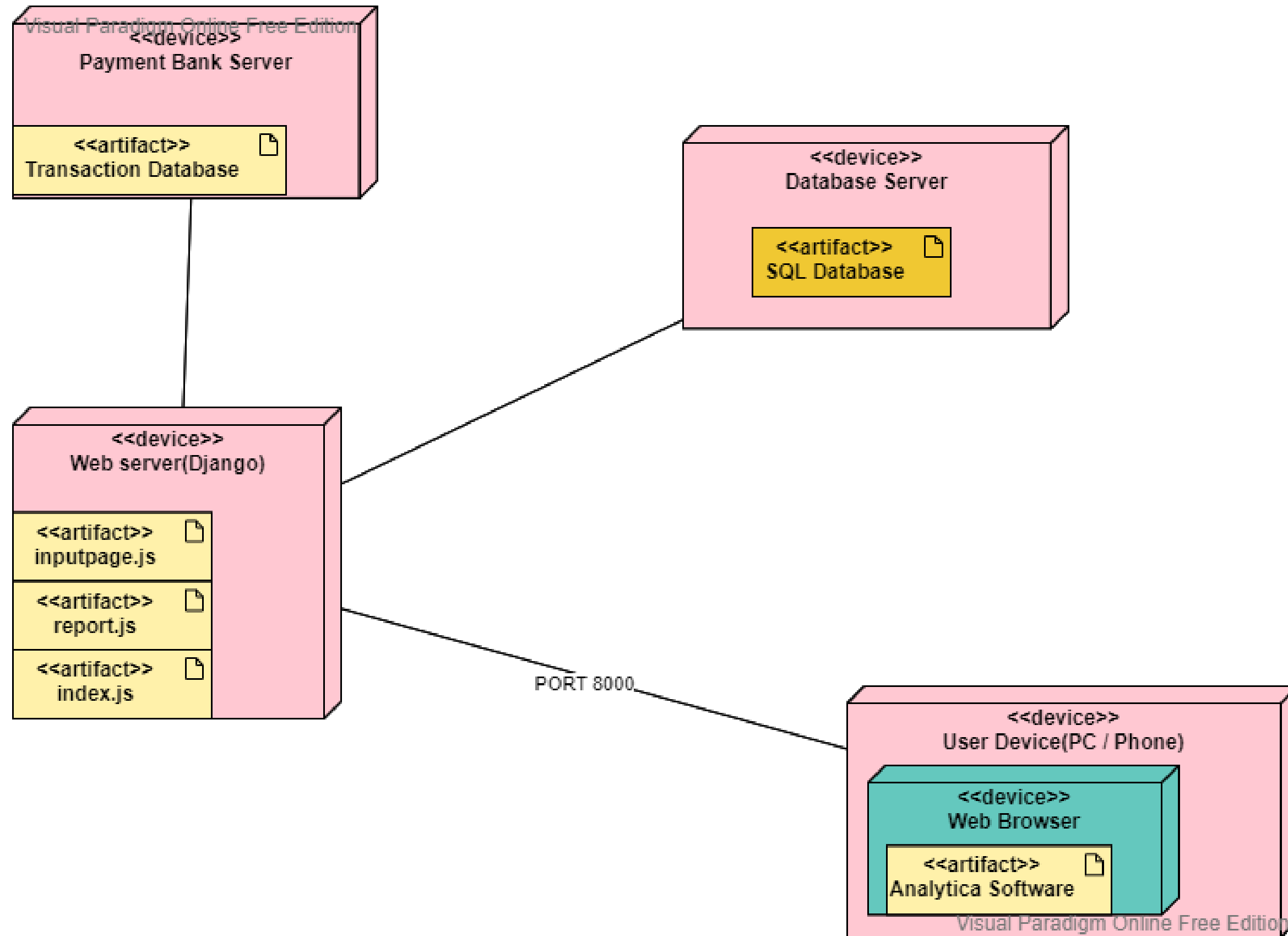
# Gantt Chart



## GANTT CHART



# Deployment Diagram





# Individual Contribution

**201901020**

**Kamal Tulsiyani**

UI/UX  
Prototyping

**201901050**

**Meetkumar Mungra**

Team Management  
User Story

**201901131**

**Bhavya Solanki**

Research  
Testing

**201901134**

**Gautam Ajugiya**

Backend  
Analytica Diagrams

**201901170**

**Shyam Butani**

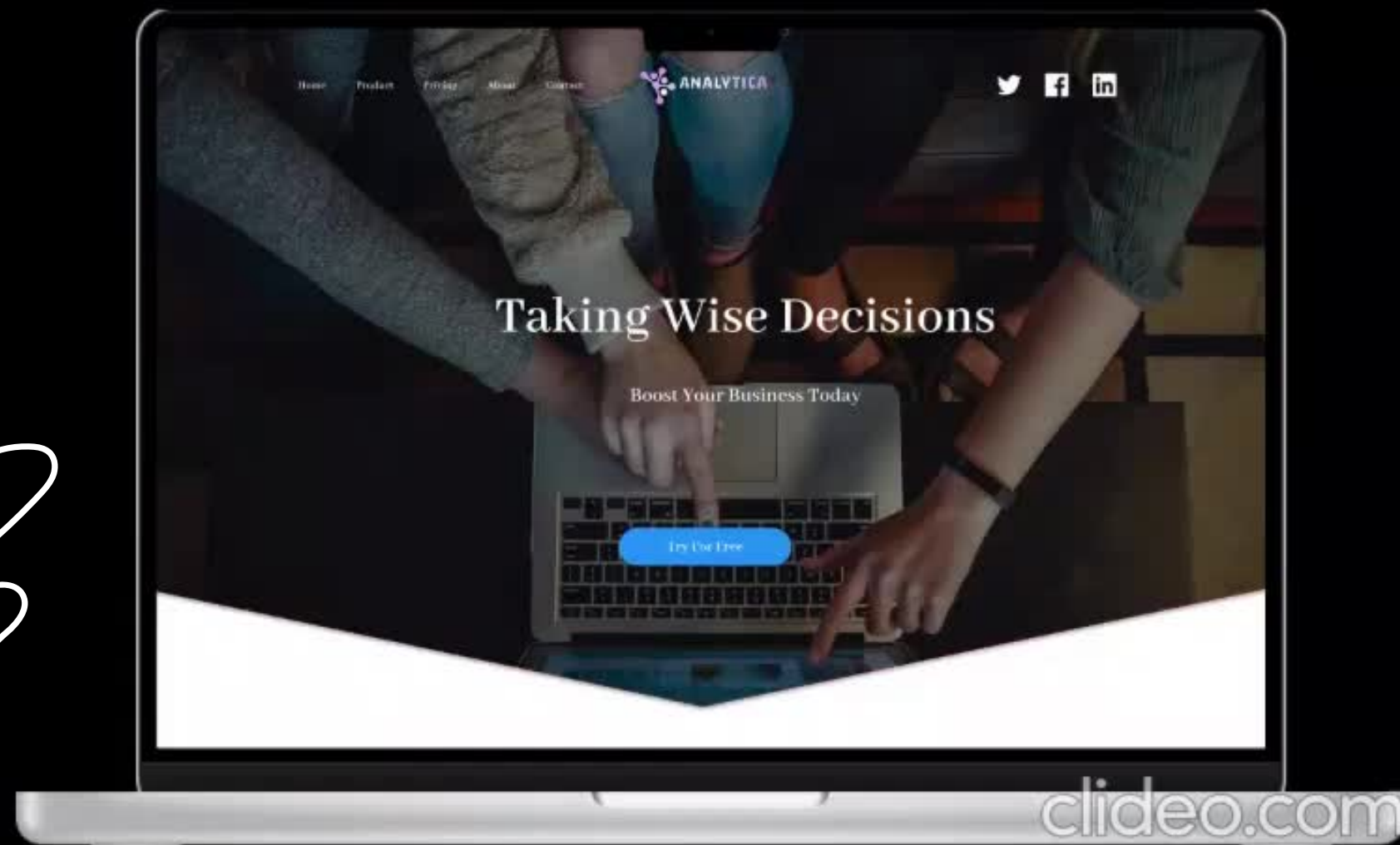
Front-End  
Documentation

**201901288**

**Vin Patel**

Planning  
Implementation

# Application Navigation





# Test Plan

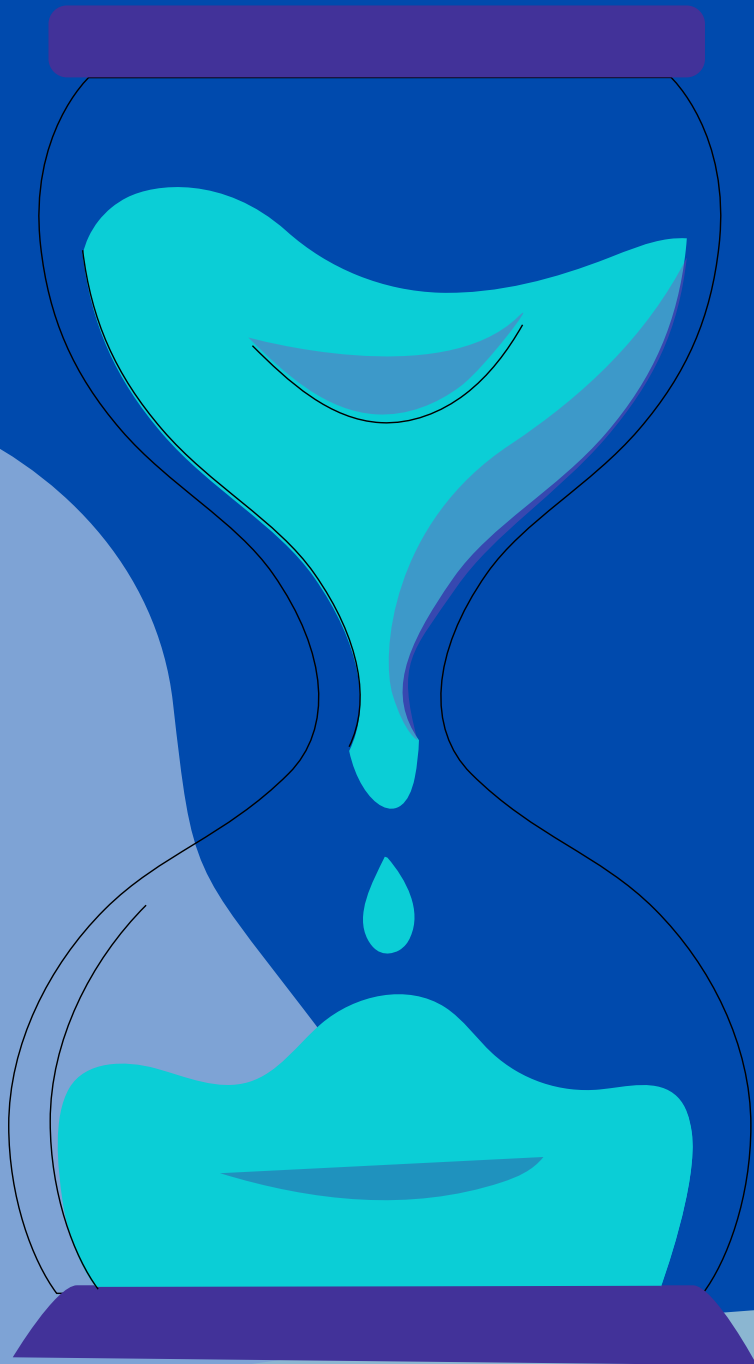
- Few different id passwords for login feature testing
- Dummy data generated from website will be used as test cases for strategy report generation feature
- Dummy transactions will be performed for online payment verification

## i. Module Integration

- The whole flow will be tested with a dummy user (virtual user)

## ii. User Interface Integration

- Prototype testing will be done for user interface validation
- Different selected users will perform prototype testing



# Thank You

