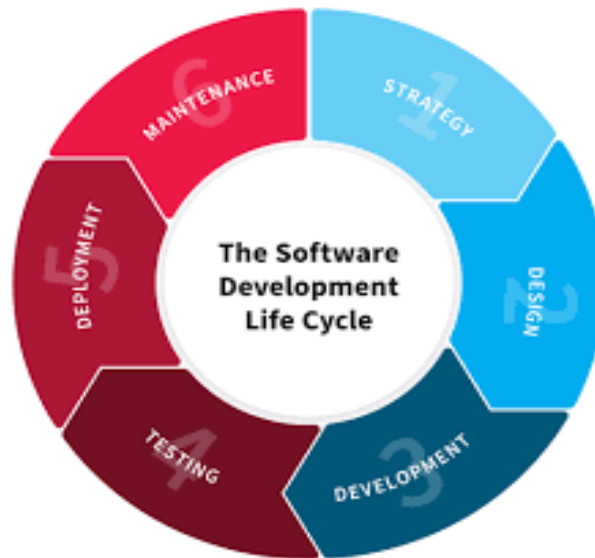




Fi Tariqk



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Software Requirements Specification

Introduction

Fi Tariqik is your easy way to get roadside help. When your car has a problem, just use the app. It finds people nearby who can assist with things like flat tires or dead batteries. Tap once, and you'll get the help you need. Fi Tariqik keeps it simple for roadside assistance.

Purpose

"Fi Tariqik" app is like a detailed plan. It tells the people making the app exactly how it should act and what it should do. It talks about everything from how users sign up to the technical stuff that keeps the app safe. It's like a map that helps everyone working on the app know where to go.

Also talks about any rules or things that might limit how the app is made. It's not just for the people building it; it's for everyone on the team. This paper helps everyone understand what the app should be like and how it should work, making sure the final app is what everyone wanted from the start.

Scope

Fi Tariqik is a simple app we're creating to help people quickly when their cars run into trouble, like a flat tire or a dead battery. It connects those in need with nearby helpers, making it easy for neighbors to support each other in times of car-related challenges.

Benefits and Goals:

- Fast Help: Fi Tariqik ensures quick assistance for those unexpected car issues.*
- Community Support: The app encourages neighborhood support for a friendly helping hand.*
- User-Friendly: Designed to be straightforward, making it easy for everyone to use.*
- Reliable Assistance: Connects users with nearby helpers, ensuring trustworthy and timely aid.*

Goals:

- Efficient Matching: Fi Tariqik aims to quickly match users with the best nearby helper.*
- Safety Assurance: The app prioritizes user safety through secure communication and adherence to rules.*
- Positive Experience: The goal is to provide a happy and uncomplicated experience for all users.*

Scope:

Fi Tariqik focuses on solving common, quick car problems and doesn't handle major or long-term car repairs. The primary role is connecting people needing immediate help with others who can assist, creating a helpful and supportive community.

Overview

This guide is for building Fi Tariqik, a simple app for car troubles. It explains what the app should do and how it'll help. First, we talk about the app's goals and what it won't do. Then, we describe how the app will look and work for users. This guide keeps things clear, making sure everyone on the team knows what to do to create a helpful app for quick car assistance.

Detailed Sections:

- 1. Introduction: Briefly talks about the app's goals and what it'll handle.*

2. *User Interfaces:* Describes how the app looks and works for users.

3. *Functional Requirements:*

This part lists what the app needs to do, like helping users sign up, request assistance, and find nearby help quickly. It also covers features such as the map and confirmation screen, ensuring the app is user-friendly and effective.

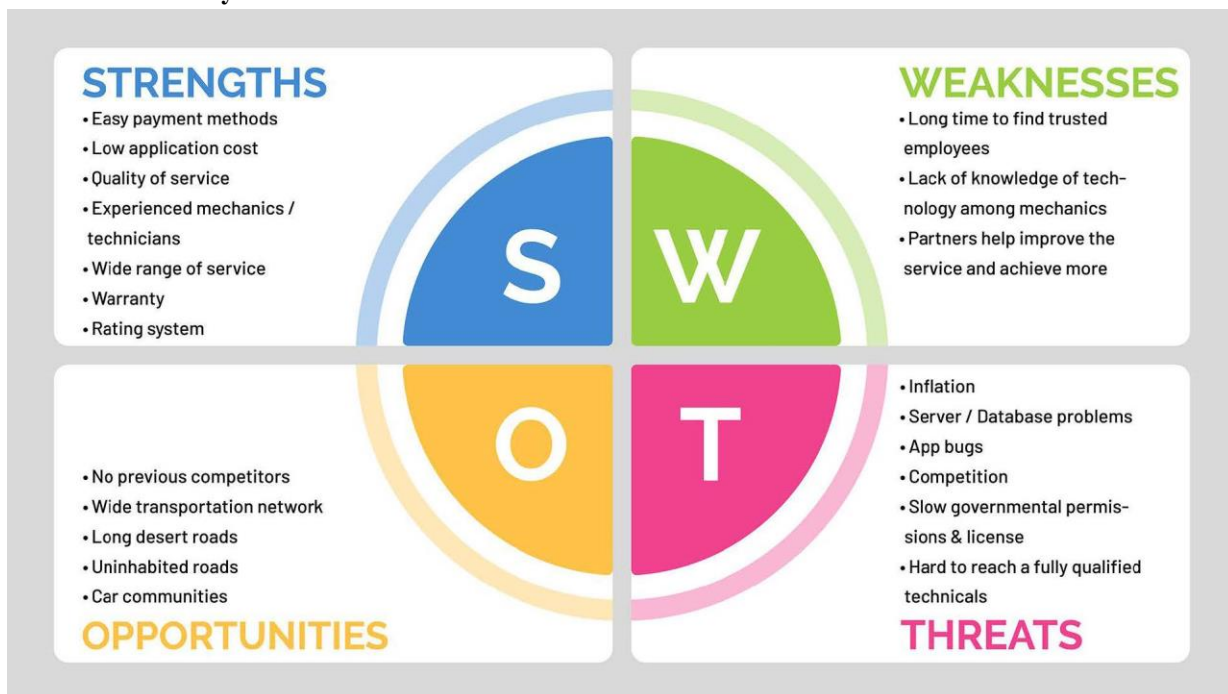
4. *Nonfunctional Requirements:*

This section talks about how the app should work beyond its basic functions. It includes things like making sure the app is always reliable, keeps user information secure, and is easy for everyone to use. These requirements aim to create a trustworthy, safe, and user-friendly app experience.

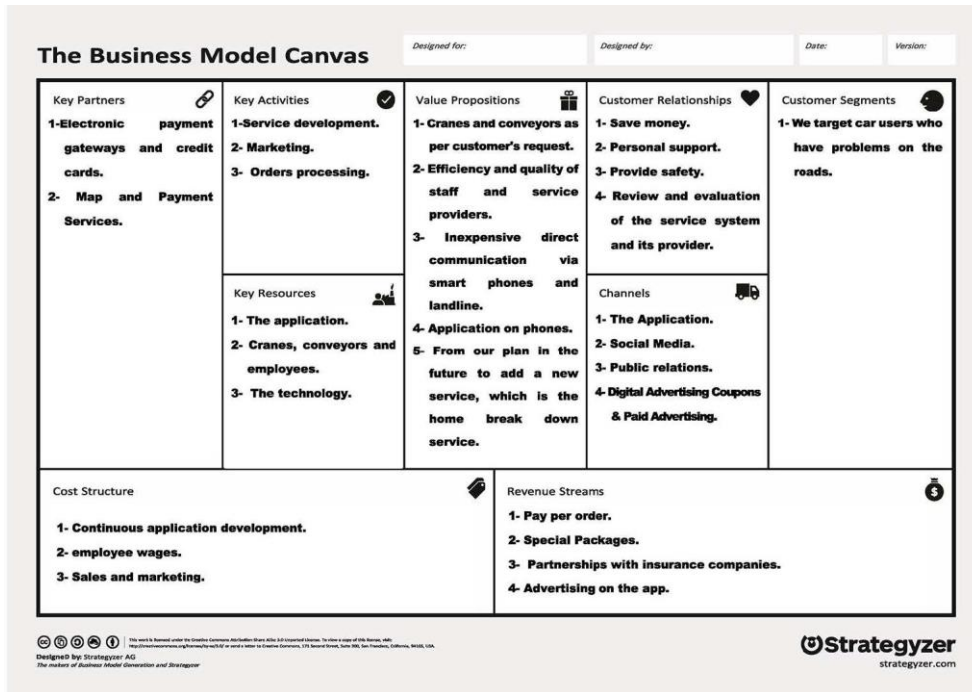
5. *Design Constraints:* Talks about any rules or limits for building the app.

Specific Requirements

1. Swot Analysis



2. Business Model



User Interfaces

1. Registration and Profile Setup:

- Purpose: To allow users to create accounts and set up their profiles.
- Features:
 - Simple registration form with essential fields (name, contact details).
 - Option to add and manage vehicle information.
 - Ability for users to specify any skills they can offer when helping others.

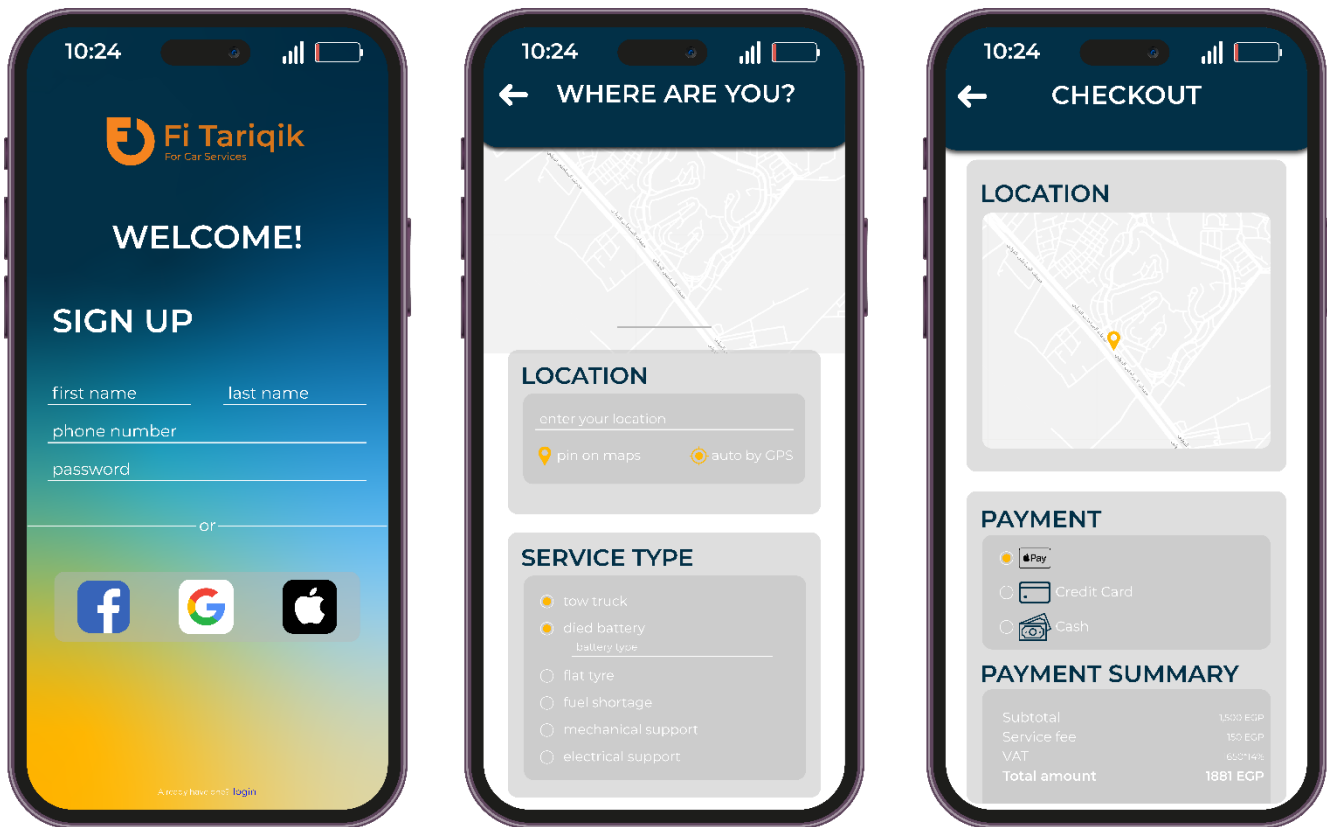
2. Service Request Form:

- Purpose: To enable users to request assistance quickly.
- Features:
 - Form with fields for describing the issue (e.g., flat tire, dead battery).
 - Options to indicate the urgency of the request.
 - Upload feature for attaching relevant pictures (if needed).

3. Map Interface:

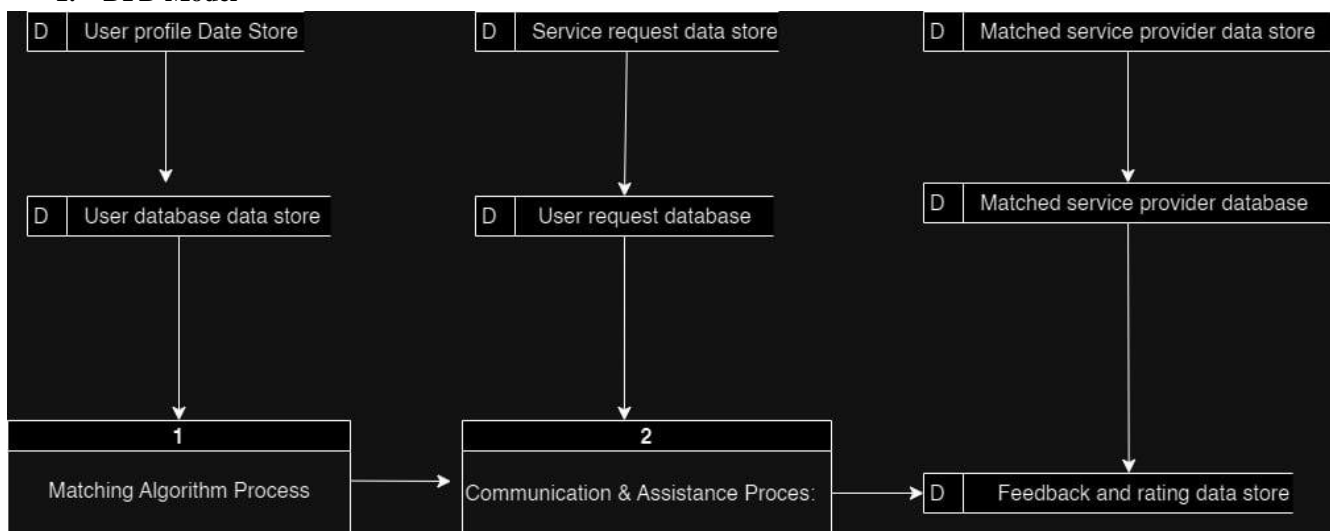
- Purpose: To show users their current location and nearby service providers.
- Features:
 - Integration with a map displaying the user's location.
 - Markers indicating nearby service providers and their availability.

- Clickable icons or markers with brief information about the service providers.



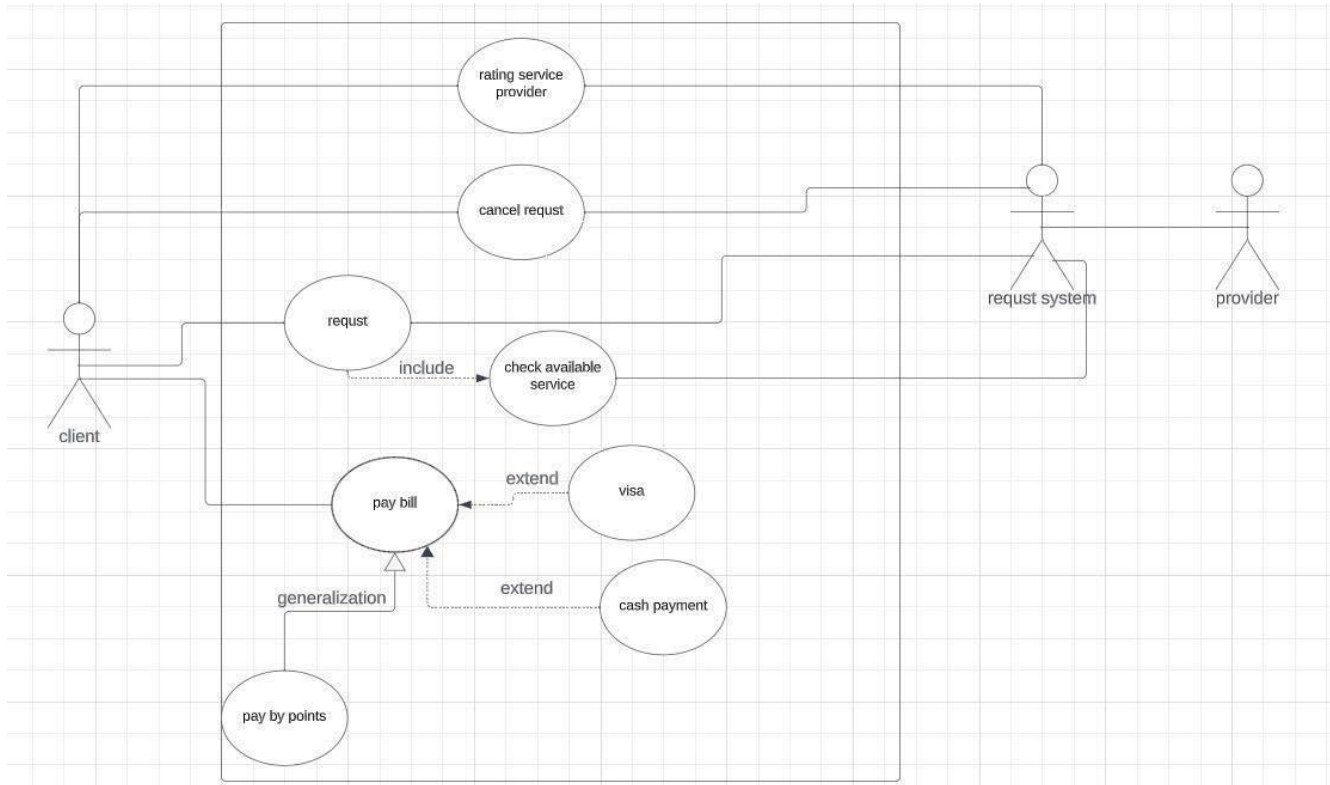
Structured analysis Models

1. DFD Model

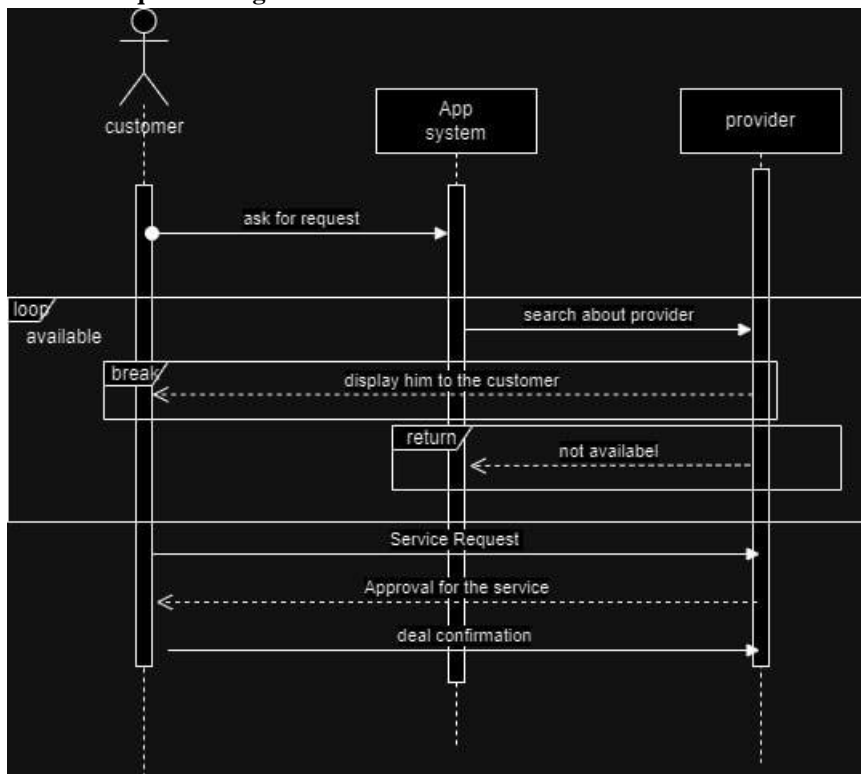


UML Analysis Models

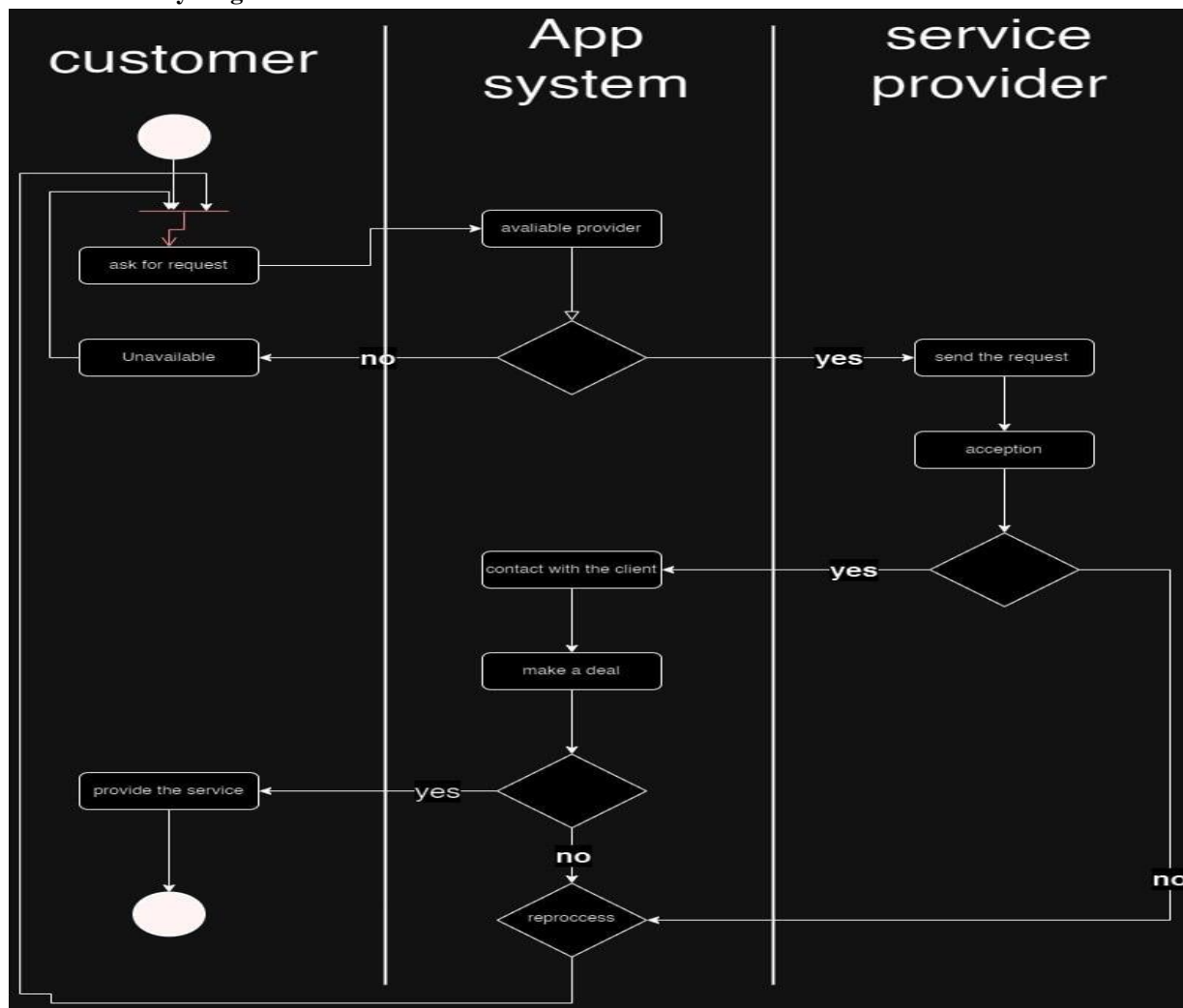
3. Use Case diagrams.



4. Sequence diagrams



5. Activity diagram



References