Multimedia system for cars

# Description

The scope of this project is to design and implement a multimedia system for cars that has the following functionalities:

1. Enable navigation;
2. Play audio, video media;
3. Enable voice control.

The design of the project is described using UML use cases diagrams , UML class diagrams and UML sequence diagrams, while for the functionality the QT framework was chosen.

# UML use cases diagrams

## GPS use case

A diagram of gps connection

Description automatically generated

## Media use case

A diagram of a company

Description automatically generated

## Voice control use case

A diagram of a company

Description automatically generated

# UML class diagram

## Design pattern used

// add design pattern and motivation for using it

## Diagram

A diagram of a computer program

Description automatically generated

# UML Sequence Diagram

## General sequence diagram

A diagram of a project

Description automatically generated with medium confidence

## Sequence diagrams based on use cases

### GPS

A diagram of a gps connection

Description automatically generated

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| **Interactions** | **Description** |
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### Media

A diagram of a project

Description automatically generated

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### Voice Control

A diagram of a control system

Description automatically generated

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# Application architecture

//Add app architecture

# Generated code

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