Quran App

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Contents

Introduction

For us as Muslims, our religion is the basis of our life and death, so we must pay attention to it and preserve it. Among the important things for us as Muslims is reading the Qur'an and listening to it at all times. With the development of technology, the presence of modern tools, and the spread of Android phones, we thought of making an application to read and listen to the Qur'an to make it easier for Muslims to carry the Qur'an anywhere to read instead of paper copies

Problem definition

The main problem is the heavy size of the paper copies of the Qur'an. There are also some Muslims who make mistakes in reading, so we made an audio player for each verse.

Objectives

- Making reading the Qur'an available everywhere and at all times without carrying El Mosehaf (book of Allah)
- The presence of an audio reading of the Qur'an to help people from mistakes in reading
- Keeping pace with technological development and canceling paper copies
- Apply what we learned in the Android course

Stakeholders

All Muslim, developers

Function requirement
- Can read Quran
- Can listen to Quran

Non function requirement
- **Fast Speed**
- **More Availability**
- **Using Less from Capacity**
- **More Reliability**
- **More secure**
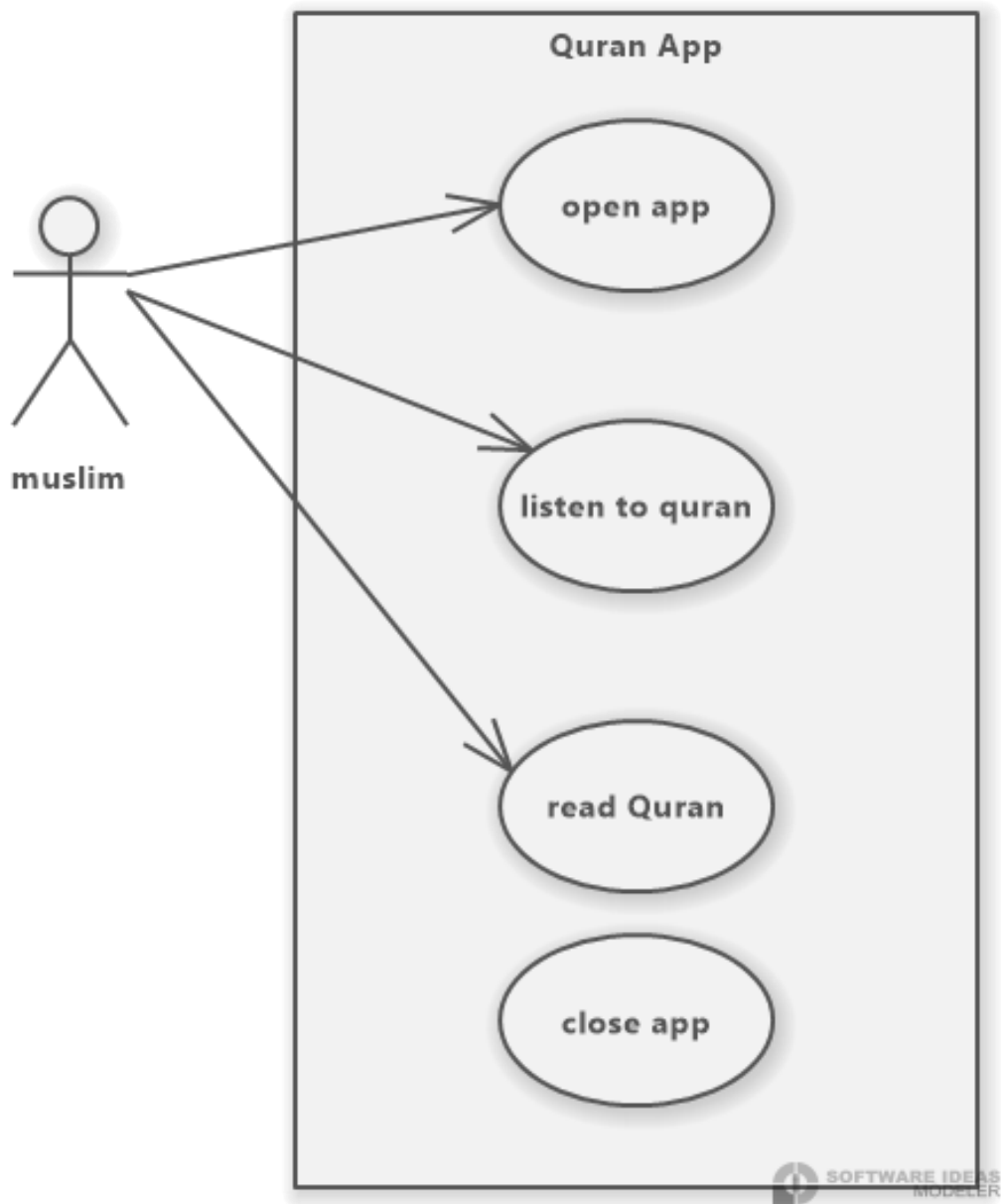
Tools we use
Android studio

Windows 10/11

In app
- We are using Java to create our project
- using API to catch Quran's Sura and Sura's Aya (Audio ,pdf)from internet
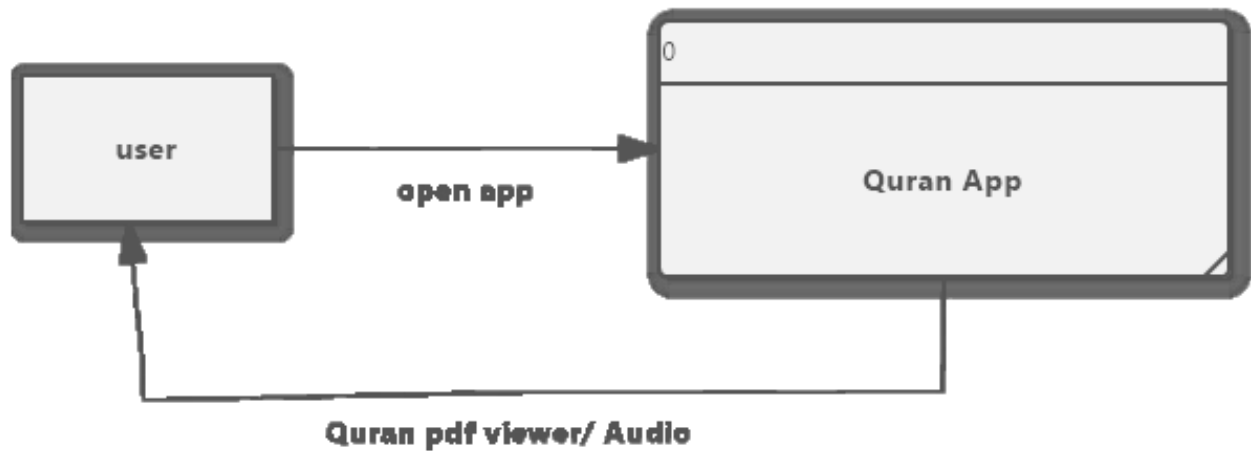
In design
- custom list view to show
    - Number of sura, name of sura , type of sura ,number of sura's Aya
- In second page also we use custom list view to show
    - Number of Aya, Aya , image of Audio

Use case

Data flow
Context diagram

Screen from App

This main window of project, you can see all Quran's Sura and select what You want to read or listen

Second page that view the sura's ayah and audio of it