



# Application for Mosque Video and Audio Broadcasting





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# Project overview



Our project is application for Mosque Video and Audio Broadcasting It's an Android application that makes up for loudspeakers and prayer audio and it's also possible to hear sermons.

It also allows user to see the mosque's needs. We also have prayer times that allow worshippers to know the time of Adan.

our Application consists of three faces users interface and two admin interfaces.



# Problem Statement

After limiting the use of external loudspeakers to raising the call to prayer and iqama only.

Worshipers could not keep track of prayer time and because hearing the sound of prayer was the most viable way to know that the prayer time has started and the prayer at which point.

This was the reason for worshipers being delayed in the prayer. For some worshipers not only were they late, but they also missed the prayer



# Objective

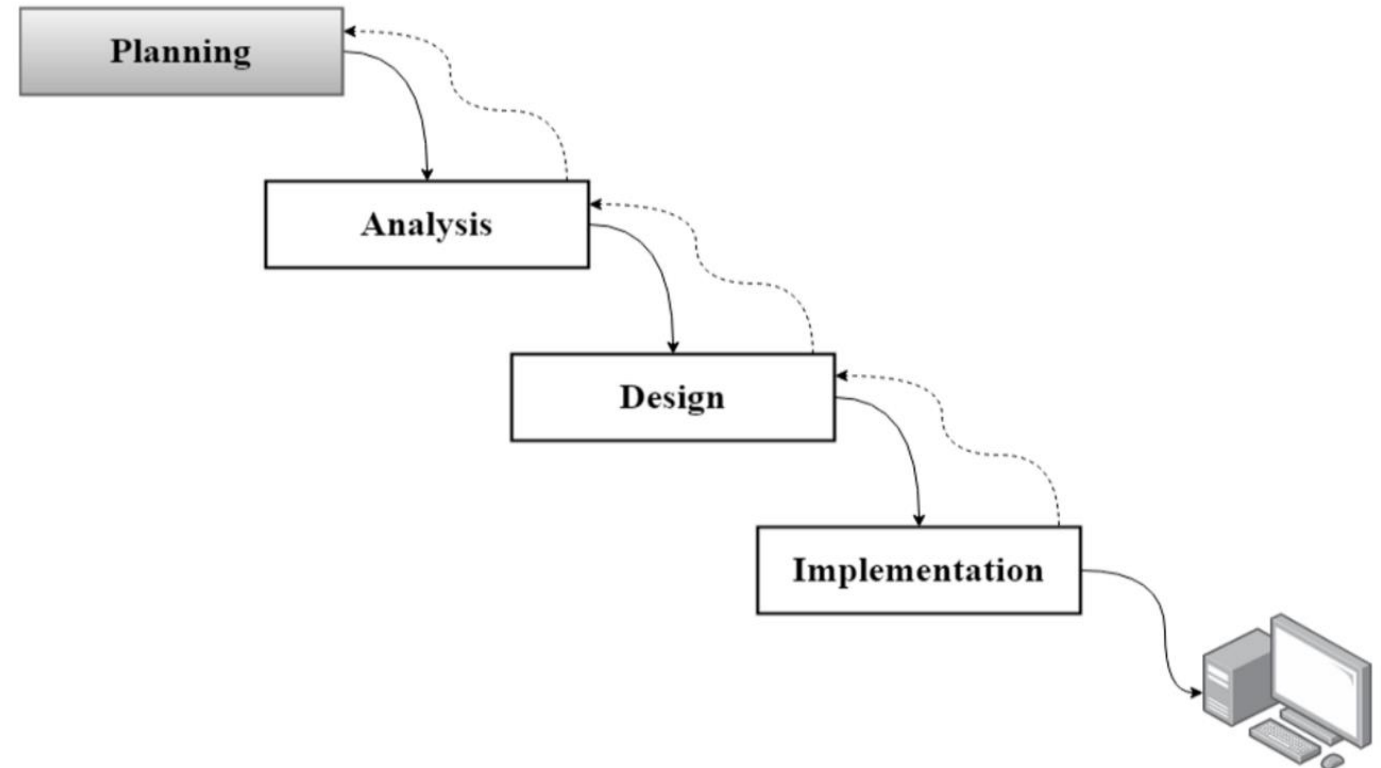


- To help worshipers to keep track of prayer time and progress.
- To broadcast prayer sounds for females and elderly people.
- To inform the doers of good about the shortcomings of the mosque.
- To approximate benefactors to needy mosques location.



# Approach

We used waterfall model because phases are processed sequentially which is consistent with our project





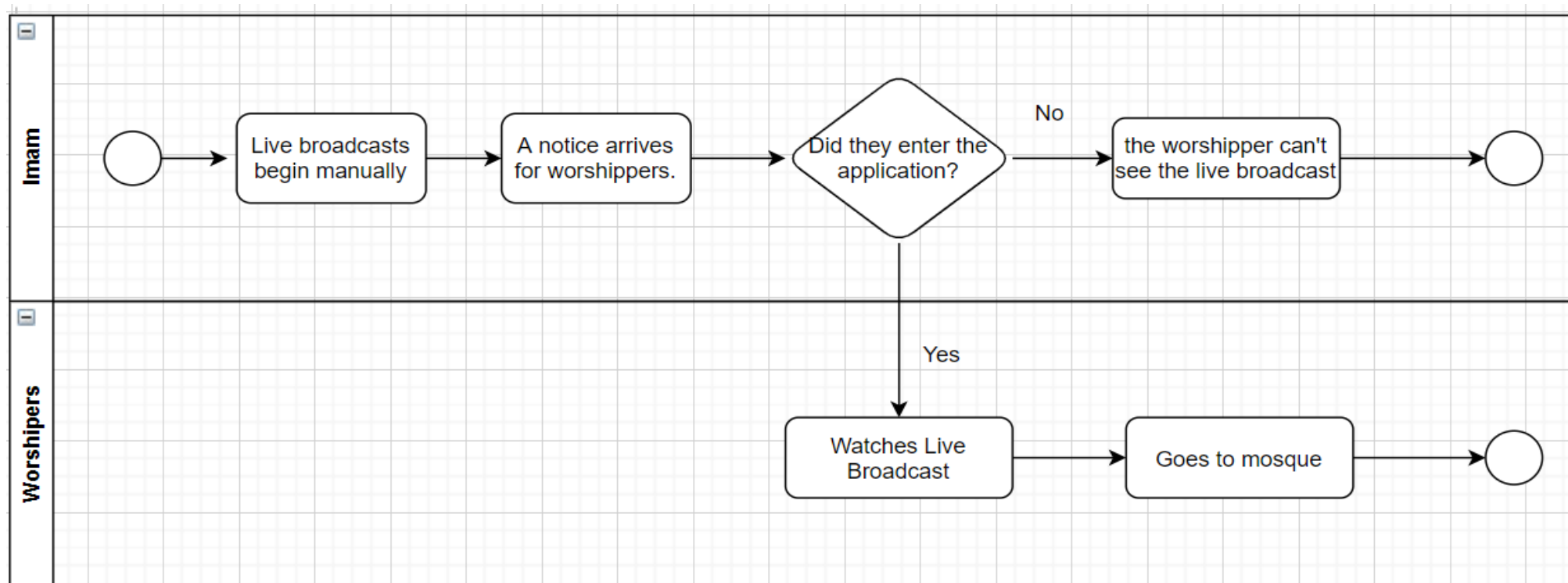
# Project scope



- Good notifications posting management.
- High performance.
- Good security.
- Start and end broadcast automatically with AI programming.
- Broadcasts prayer to users.
- Convenient user interface and simple navigation.
- Mosques search options.
- Good image resolution.



# Business process (As-Is)









# Business requirement



## User

- User should be able to register.
- User should be able to log in from any device.
- User should be able to choose mosque using map.
- User should be able to choose mosque by mosque's name.
- User should be able to join broadcast if the prayer started.
- User should be able to see prayer status if the prayer doesn't start.
- User should be able to view mosque page.
- User should be able to report a problem.



# Business requirement

## Admin

- Admin should be able to log in.
- Admin should be able to manage app.
- Admin able to add mosque.
- Admin able to update mosque information.

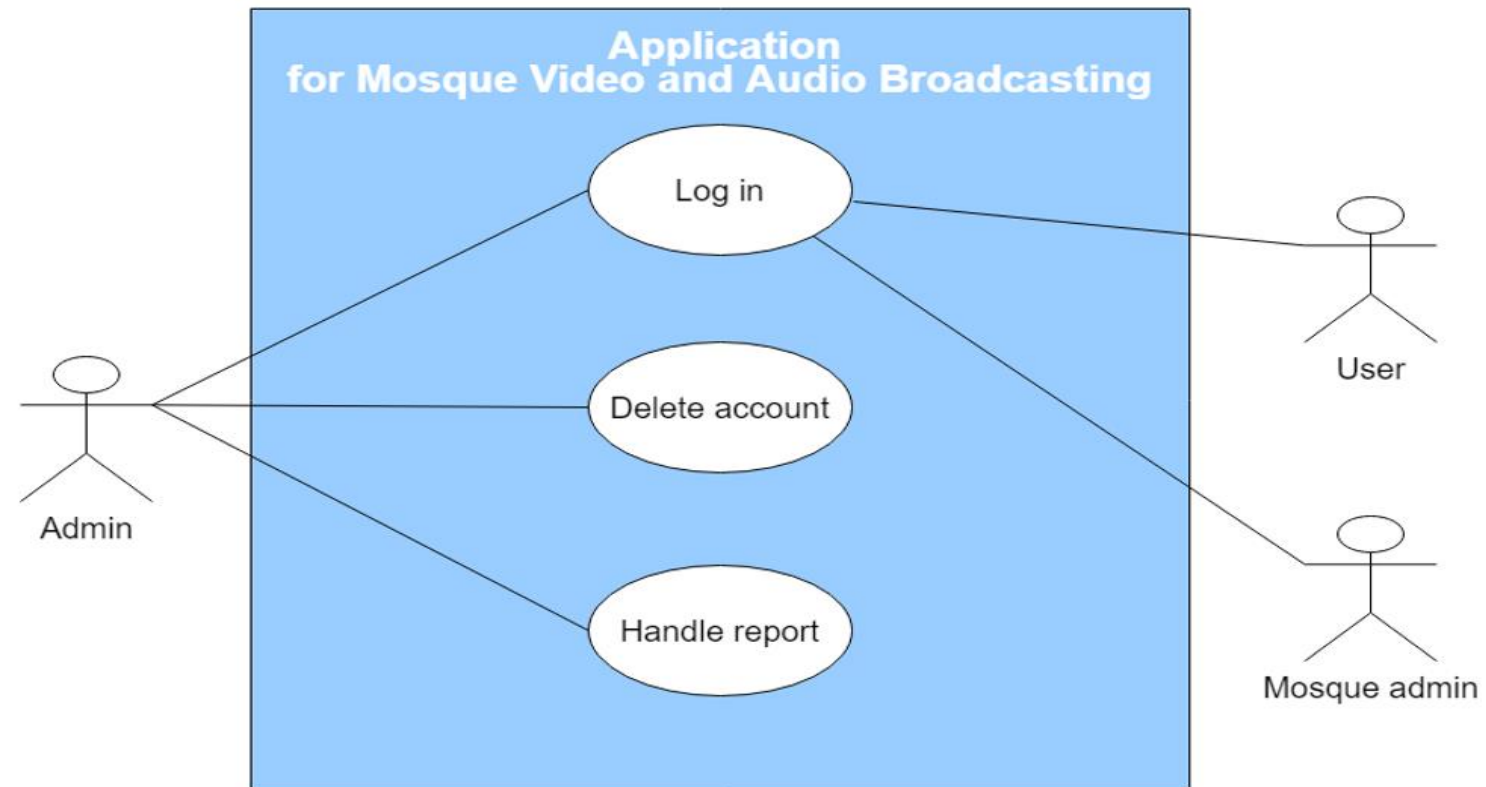
## Mosque admin

- Mosque admin should be able to log in.
- Mosque admin should be able to add mosque
- Mosque admin should be able to update mosque information



# Functional Requirements

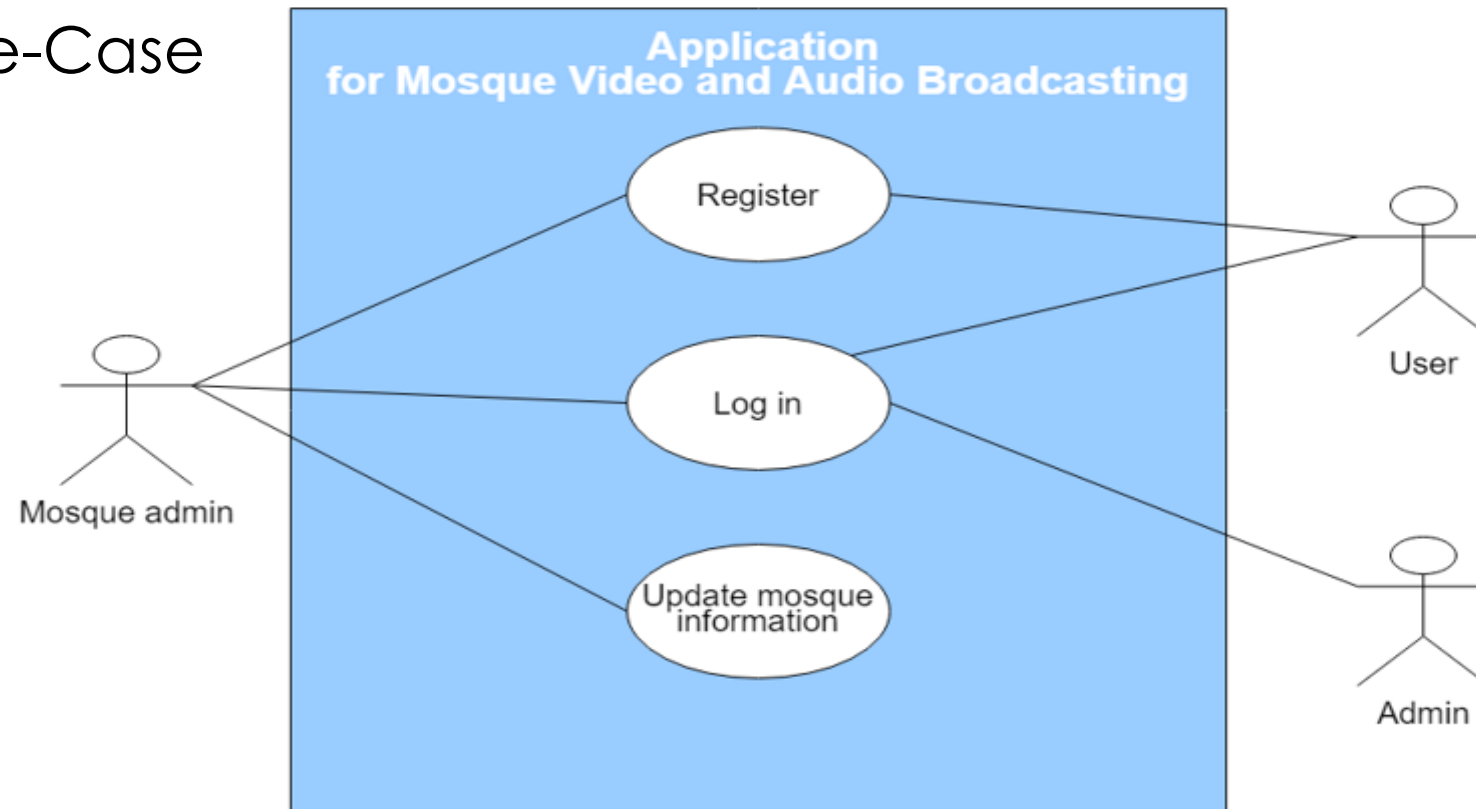
## Admin Use-Case





# Functional Requirements

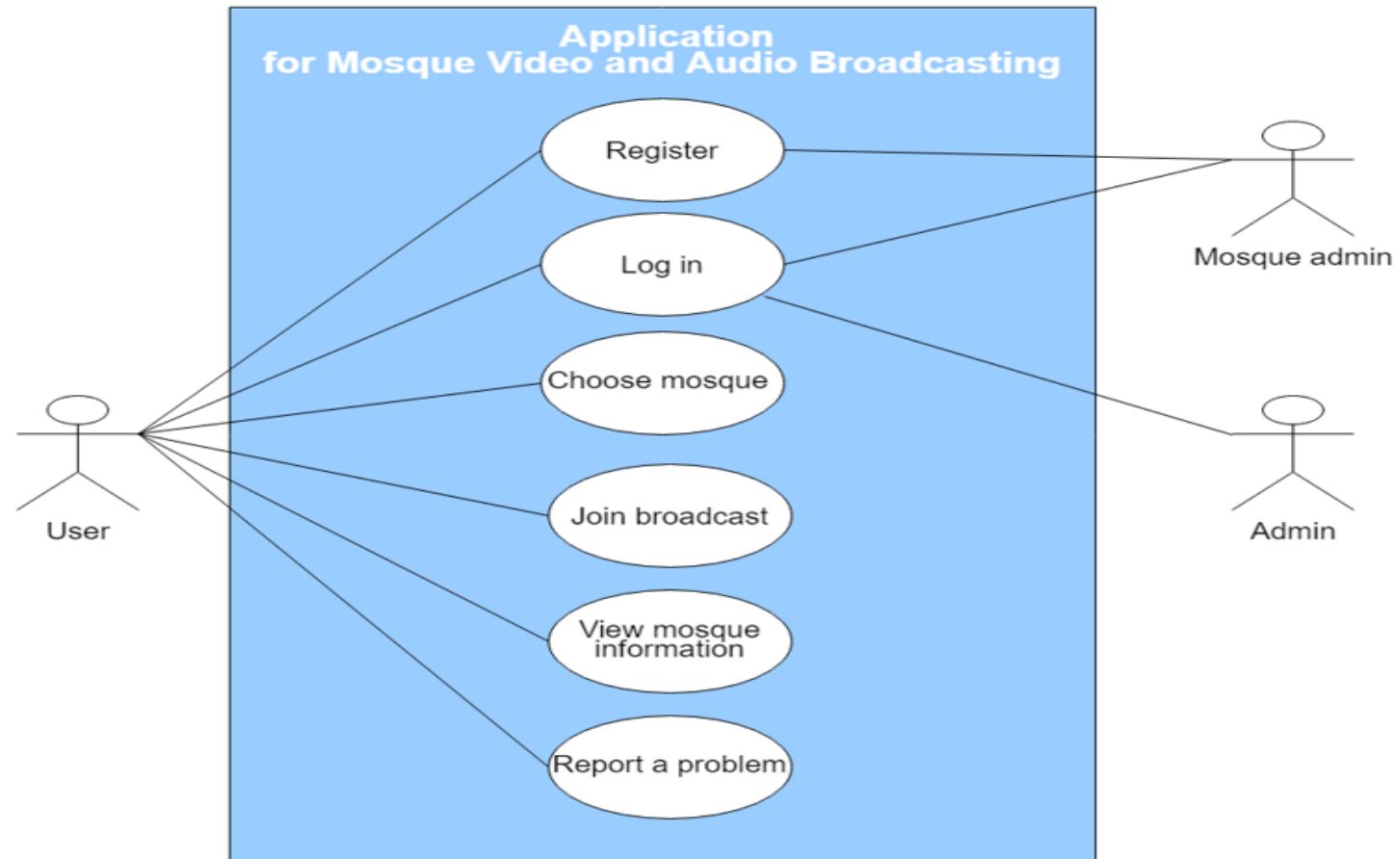
## Mosque admin Use-Case





# Functional Requirements

## User Use-Case





Thank you...