



# MEGA REJİ

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In daily life, people need some tools in order to make easier their work life. For this reason, we have designed an application called as Mega Reji in order to usage of film production company. Mega Reji is a gamified application which is compatible with mobile devices. The main purpose of this project is to improve the performance of a film production teams (e.g. managing their time effectively). In other words Mega Reji provides an interactive mobile environment for film production company members.

Keywords: Gamification, Mobile, Software Engineering

### Introduction

In film production the main problem is tendency of work to be complicated, because there are lots of level in film production groups. There are several applications for usage of film production company, but they are not satisfy in terms of capability to complete every step in one application. Mega Reji aims to create an environment which has adaptation, comprehensiveness and usefulness by gathering all features of previous applications.

### Solution

Mega Reji is a gamified mobile application which provides an interactive mobile environment to film production company members. There are lots of film production applications, but Mega Reji is created for gathering all main parts of other applications. There are ten groups in the film production company, such as Production Group, Producer Group, Scenarist Group, Art- Light- Display- Sound Group, Director Group, Stage Group and Post Production Group. In brief, each group has specific missions in compay, for instance, Scenarist Group can write scenario and offer place and actor, but Scenarist Group cannot reach the other groups' pages. On the other hand, some groups share the same mission. For instance, both Producer Group and Director Group can approve a place offerings. As a result, we designed Mega Reji in order to give response the problem which is determined before by using software engineering methods.

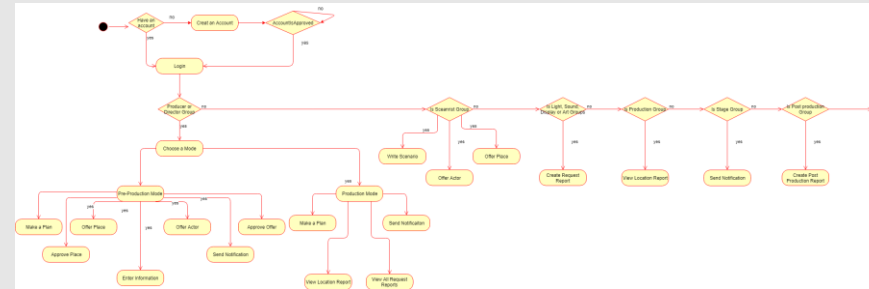


Figure 1 - Flowchart

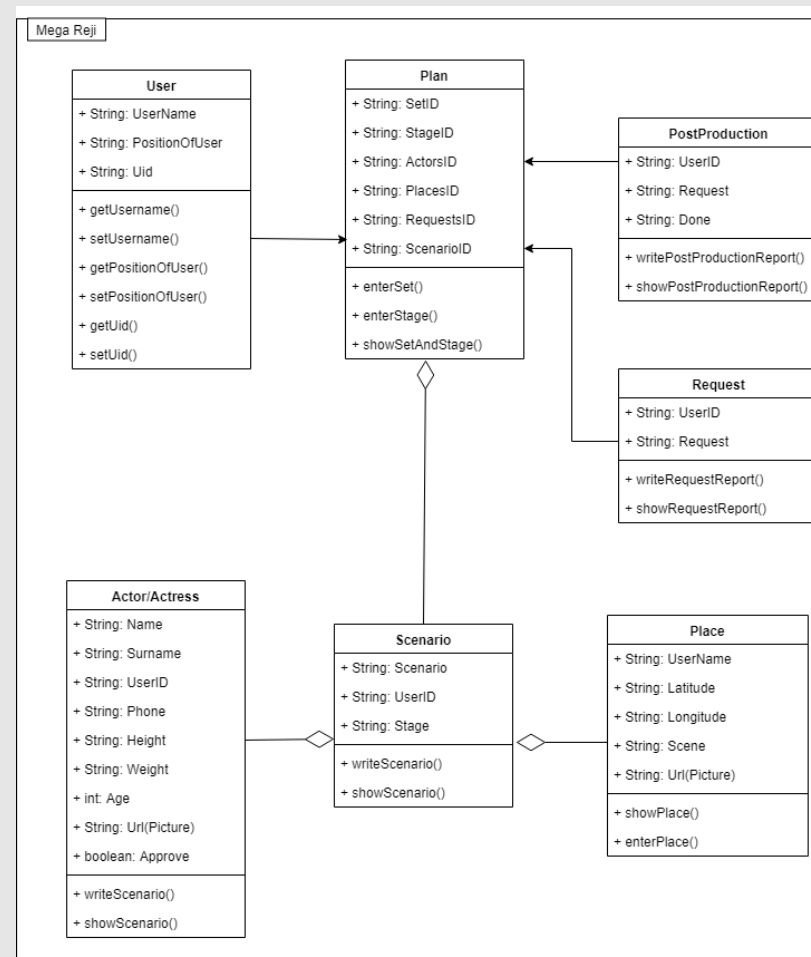


Figure 2 – Class Diagram

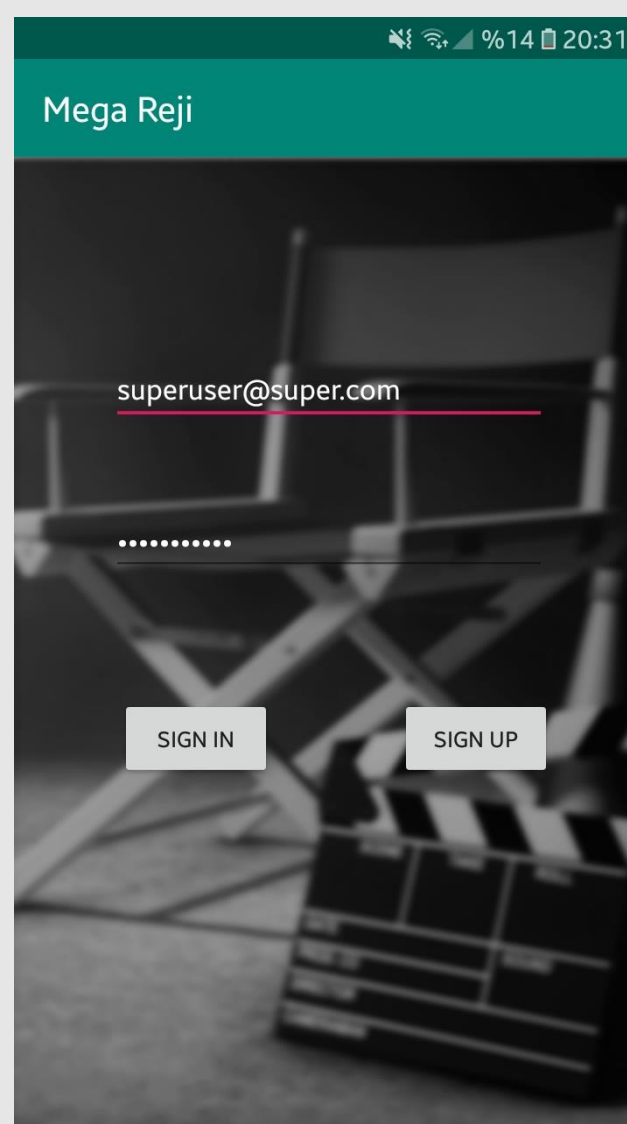


Figure 3 – Finished Product



### Company Info

UTRLAB is a Human Computer Interaction (HCI) expert with user experience research and design experience which was founded in 2008. Active working areas of UTRLAB are:

- E-Commerce
- Mobile Applications
- Defense Applications

UTRLAB services include:

- Advanced Usability testing
- User Interaction research
- Human Computer Interaction Services

### Results & Conclusion

In this project, we have aimed to create an environment which allows film production company members to interact with each other by using Mega Reji mobile application. Mega Reji application provides writing scenario, scheduling for movie shooting ,etc.

To develop this project, we have researched about Java, Andorid, Firebase database. We have used Java programming language and we use Android Studio to develop the project. All of these experiences have contributed a lot of knowledge to us for our future career.

### Acknowledgement

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