Mega Reji

A gamified mobile application framework for stage management system

CENG 408 Innovative System Design and Development II

İsmail Berkcan GÜLTEN

Arzu KAYA

Contents

- Problem Statement
- Solution Statement
- Main Features of Mega Reji
- Gamification
- Class Digram and Workflow
- Success Criterions
- Test Results
- Technologies
- Acknowledgements

Problem Statement

- Film production groups need some technological tools in order to develop their work in an organized, accessible and adaptable environment.

- In film production the main problem is tendency of work to be complicated, because there are lots of level in film production groups.

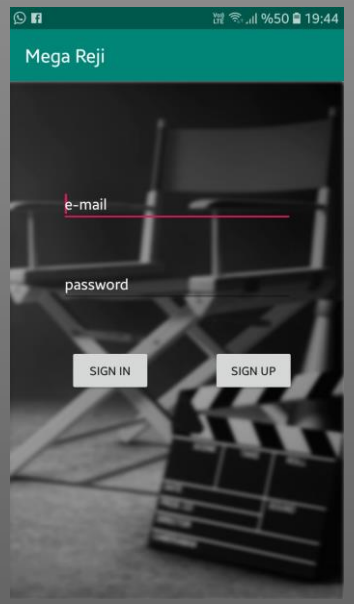
Solution Statement

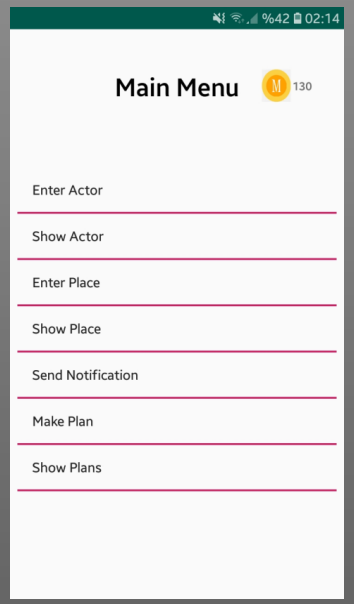
- Mega Reji is designed as a solution for film production company management problems.
- Mega Reji aims to create an environment which has adaptation, comprehensiveness and usefulness by gathering all features of previous applications.

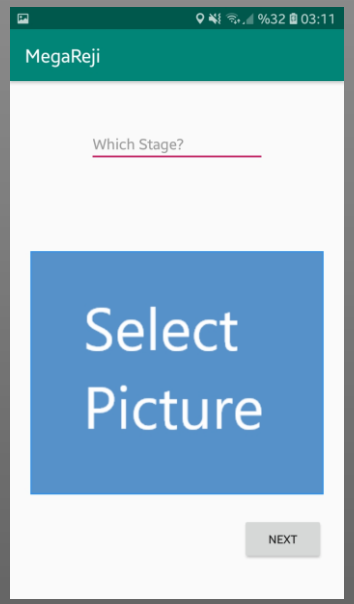
Main Features of Mega Reji

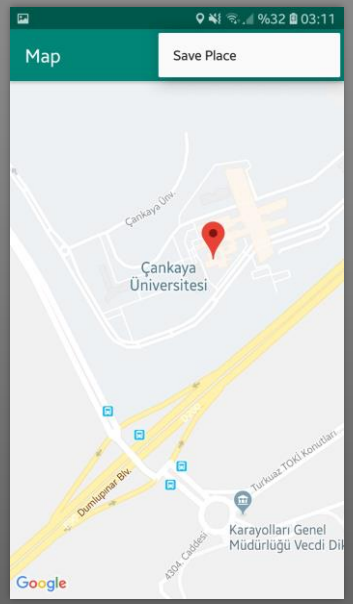
- Mega Reji application provides a coordinated work environment for film production team members with a gamified system.
- There are totally fifteen options on the main menu, but groups have permission to see only their own pages.
- Some of features of Mega Reji are; Enter Actor/Actress Information, Enter Place Information, Plan Schedule, Create Post Production Report, etc.

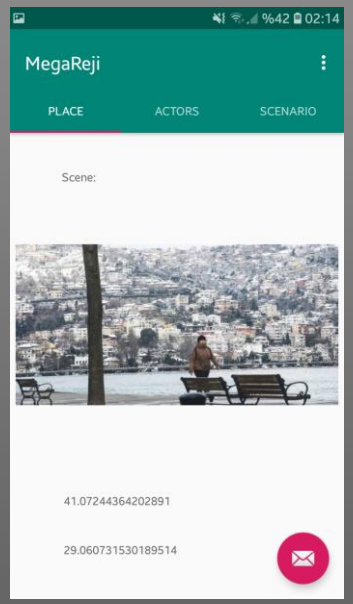
Screen Shots





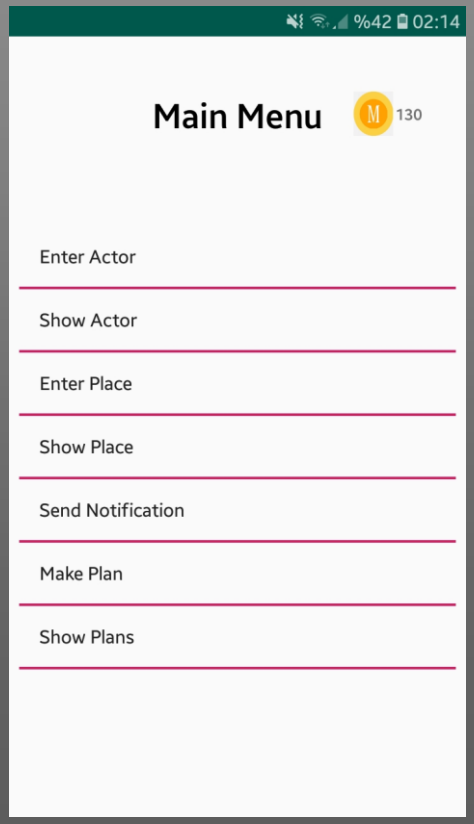


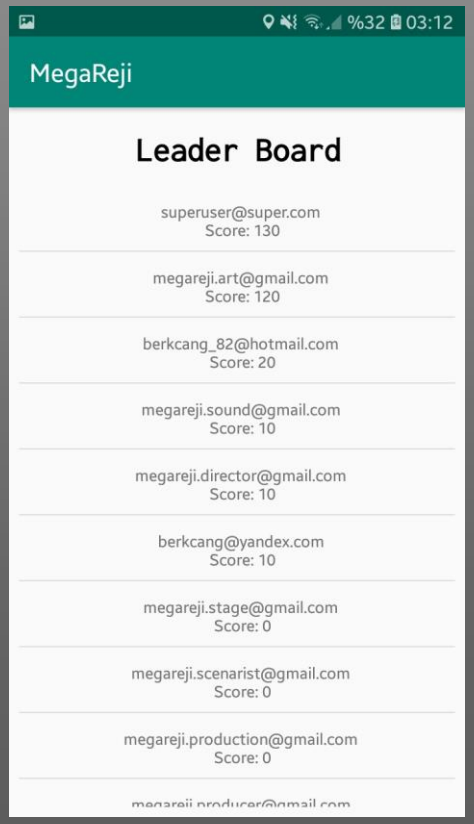




Gamification

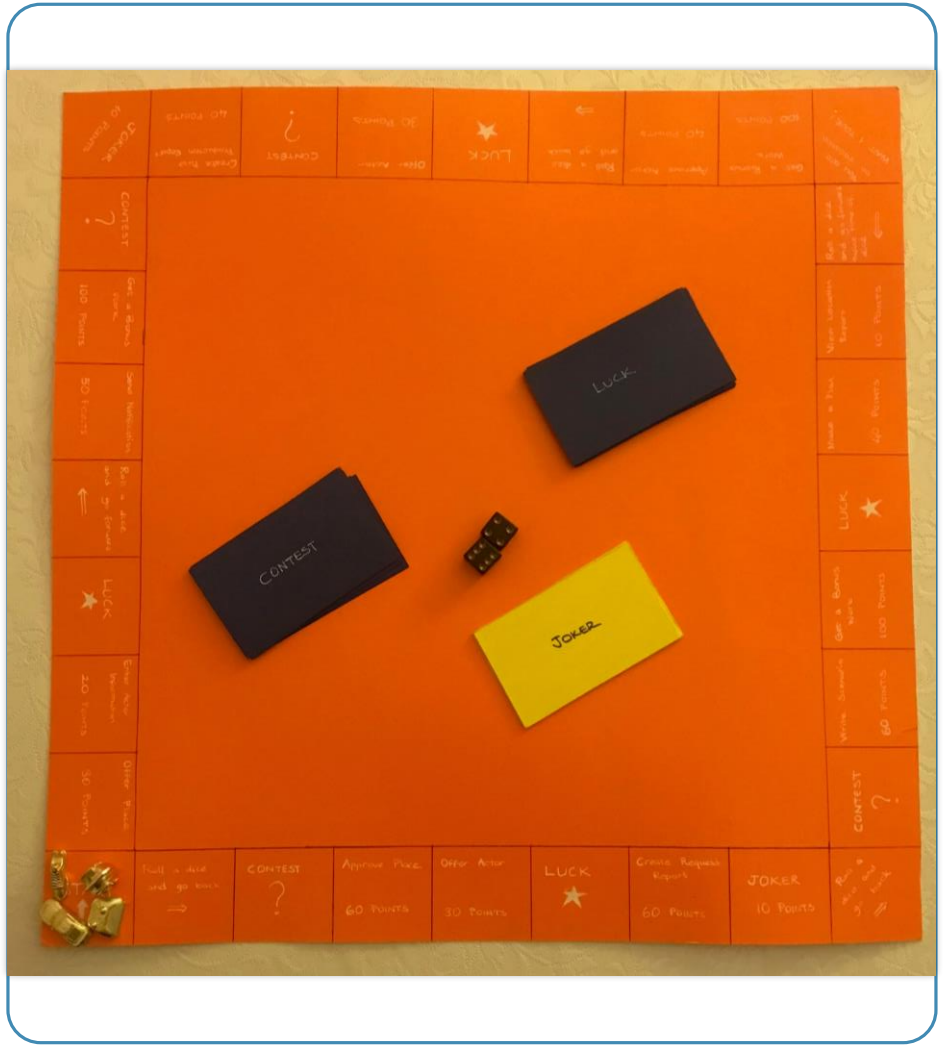
- Gamification is becoming a popular and significant technological progress in work life.
- In Mega Reji, gamification is applied by giving fixed points for each task to users. Additionally, each user has permission to see the «Leader Board» which has a sorted user list according to scores.



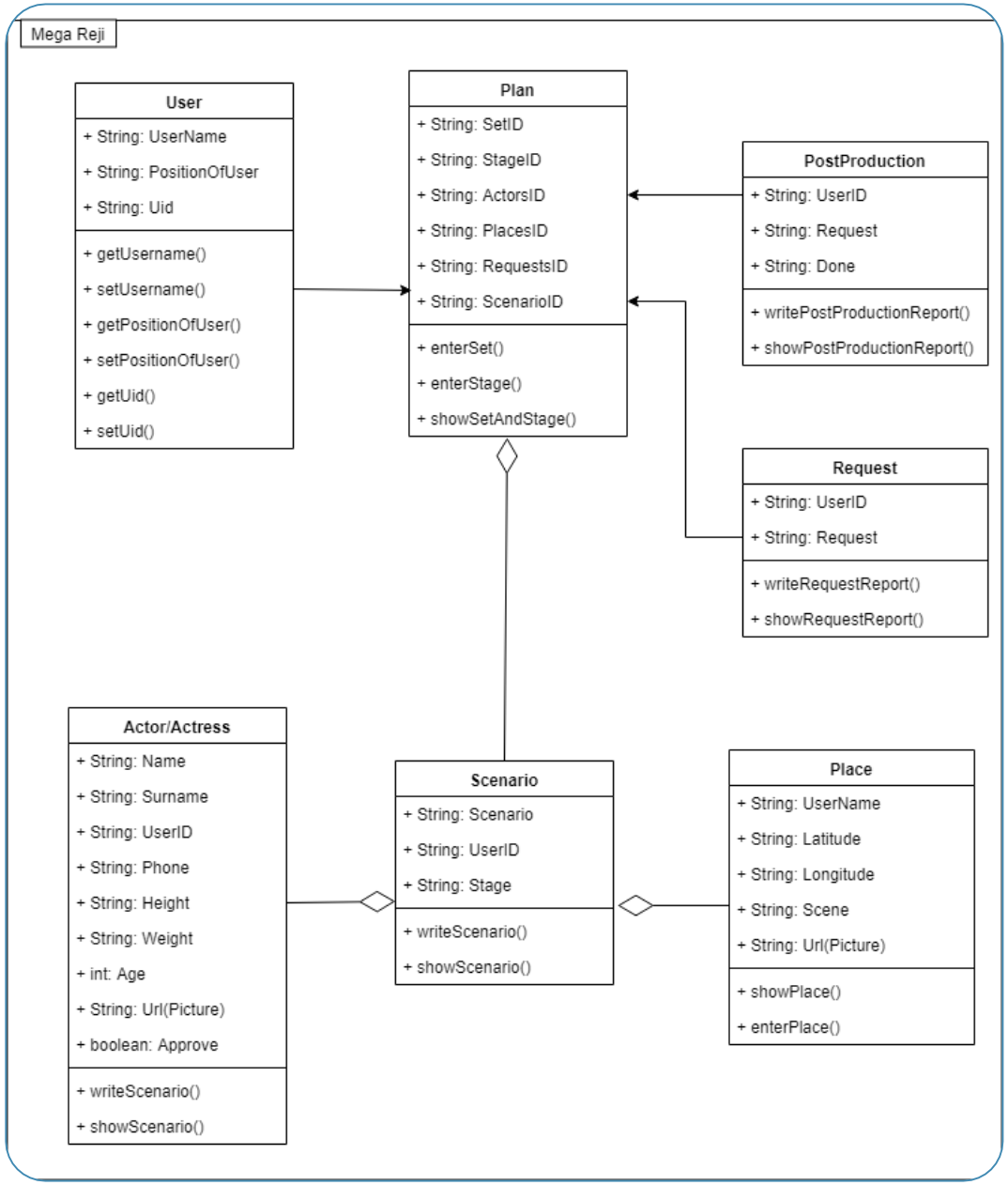


Gamification

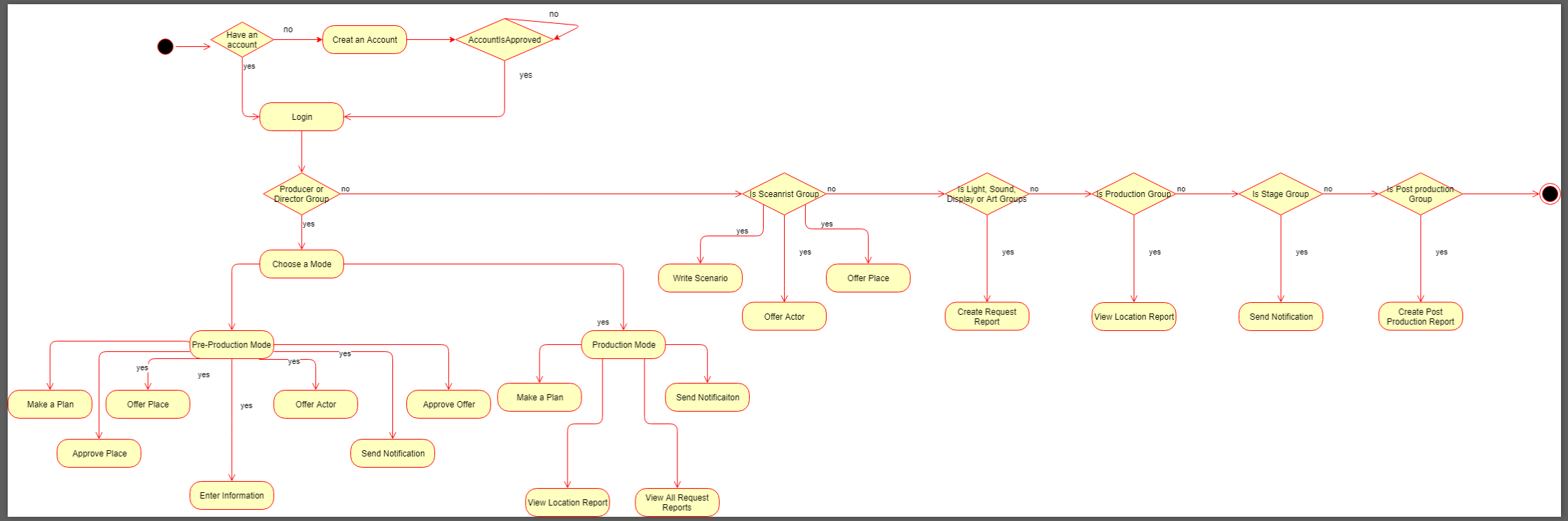
- Prototype of Mega Reji application for training.



Class Diagram



Workflow


Have an account
no
Creat an Account
AccountIsApproved
no
yes
yes
Login
Producer or Director Group
no
yes
Choose a Mode
Pre-Production Mode
Make a Plan
Offer Place
Approve Place
Enter Information
Offer Actor
Send Notification
Approve Offer
Production Mode
Make a Plan
View Location Report
View All Request Reports
Send Notificaiton
Is Sceanrist Group
Write Scenario
Offer Actor
Offer Place
Is Light, Sound, Display or Art Groups
Create Request Report
Is Production Group
View Location Report
Is Stage Group
Send Notification
Is Post production Group
Create Post Production Report

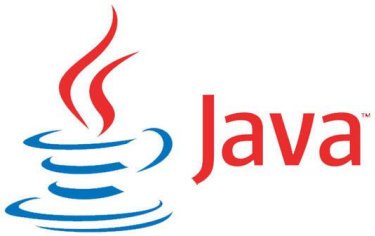
Success Criterion

Success Criterion	How to Measure
Consistency with company goal	User feedback
Gamification works or not	User feedback and Firebase Analysis
Ease of Usage	Survey

Test Results

- According to our Test Plan, Mega Reji passed from test cases approximately 93.3%.
- We presented Mega Reji to ten people from different groups.

Technologies



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THANK YOU!