**ROPER**

Summery

The application is made of android application and a Web service.

The web service is handling all the transactions from and to the database and all the data analytics.

The android application is the user interface.

The application is supporting 3 kinds of user:

1. Admin – A super user that can change critical settings.

2. Tourist – A user that can see businesses and participate in quests.

3. Business owner – A user that can add his businesses to the application and promote his business.

Features of ROPER

Admin features:

1.Edit profile.

2.Edit default settings.

3.Add new quest.

4.Edit quest.

5.Remove quest.

6.Add mission.

7.Remove mission.

8.Add business to mission.

9.Remove business from mission.

10.Logout.

Tourist features:

1.Registar.

2.Recover lost password.

3.Login into the system.

4.see nearby businesses.

5.Start a new quest.

6.Continue quest.

7.Finish mission.

8.Edit profile.

9. Logout

Business owner features:

1.Add business.

2.Show businesses.

3.Edit profile.

4.Edit business.

5.Delete business.

6.Logout.

Languages and requirements for advanced development:

1. Java – IDE: eclipse,Advanced knowledge in Maven, Version control: SVN, Hibernate, Wildfly 9, JPA, JAX-RS (Jersey framework), Advanced knowledge in Web services and Monolith architecture .

2. SQL – PostgreSQL, PostGIS, Advanced knowledge in SQL.

3. Android studio - Retrofit 2, OkHTTP 3, Google play services, Rxjava, Converter GSON.

Conclusion:

The application is ready in terms of your demands from us.

Hence we see no need for any further development.