car-share

http://code.google.com/p/car-share

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About

What car-share is?

A solution for passenger transport
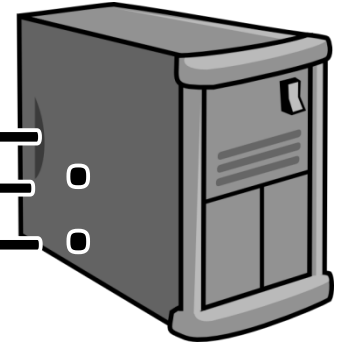
Cheap, Evironment-protecting, Comfortable

Server-side
- GAE/J
- REST-like web services

Client-side
- Android native application

TODO → DONE

- ## Signing to trip (TaskID=1,3) → DONE
  - Implement user registration to trip
  - Service methods for approval/refusal passengers (only accessible to trip owner)
  - Sending notifications to passengers

- ## Trip rating (TaskID=2)
  - Sending feedback about trip by both passengers & trip owner

- ## Alerts/Messages (TaskID=5) → DONE
  - Review current status
  - Implement marking message "as read"

TODO → DONE:

Client side

- Trip detail view (TaskID=6) → DONE
  - Enable navigation from list of trips to trip detail
  - 3 tabs: trip detail, trip owner profile and passenger list for owner

- Signing to trip (TaskID=4) → DONE
  - Implement user registration to trip on client
  - Trip owner approval/refusal

- Trip rating (TaskID=7)
  - Sending feedback about trip by both passengers & trip owner

- Alerts/Messages (TaskID=8) → DONE
  - Implement alerts/messages view for user
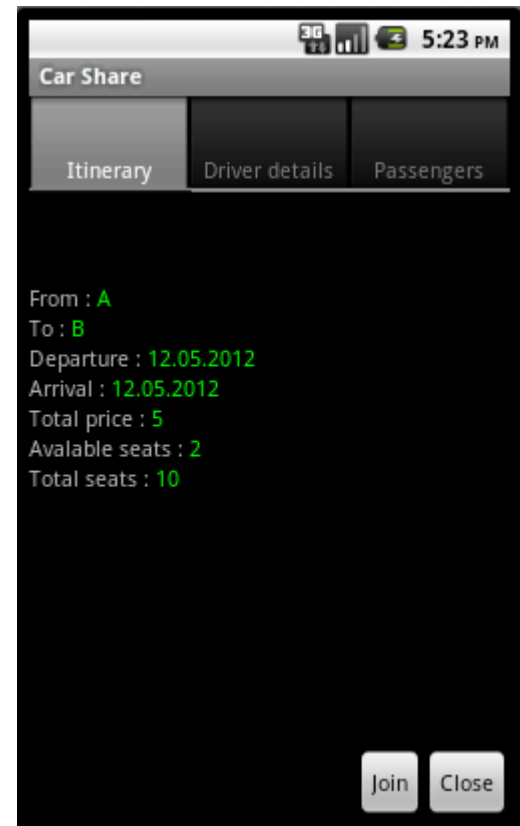 - Implement sending messeges between users
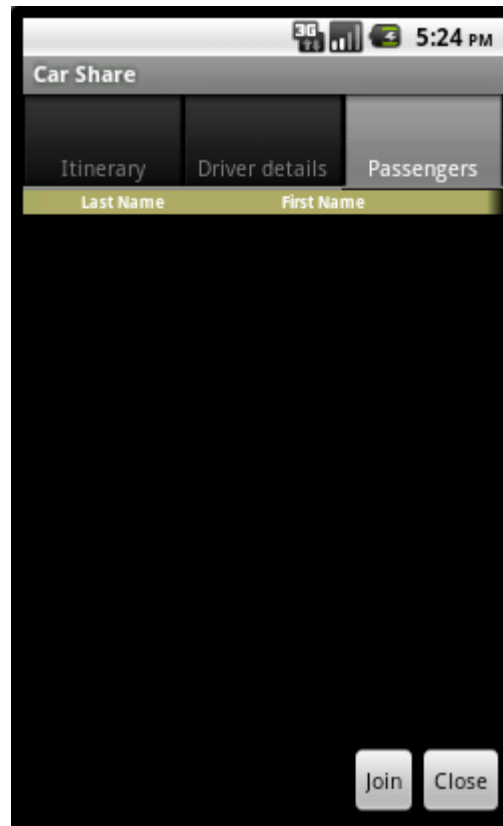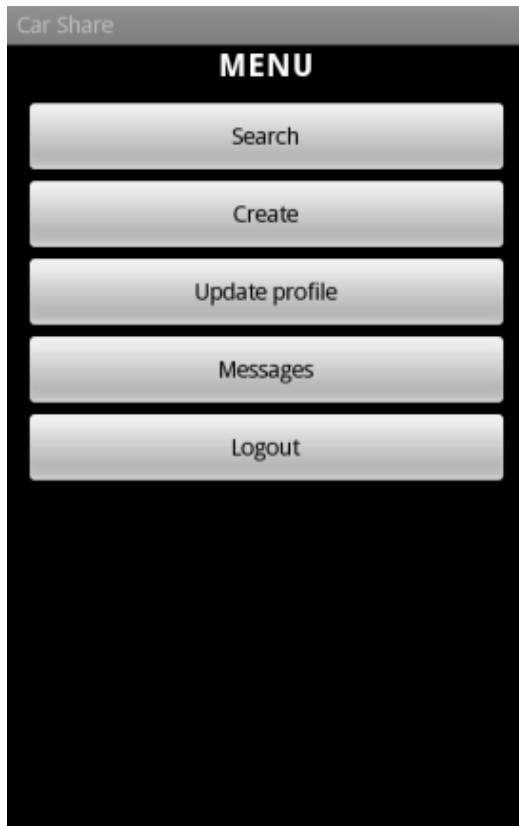
TODO → DONE:

Client side

- Fix user interface (TaskID=9) → DONE
  - Fix user interface on small displays

- Update validation (TaskID=10) → DONE
  - Improve user validation
  - Better validation messages

- Create tabs (TaskID=11) → DONE
  - Implement tab control for trip detail

http://code.google.com/p/car-share/issues/list?q=label:android

TODO → DONE:

Client side

Impl. problems:

Server-side

- Problem with storing data to Datastore using JPA
- Error message without sense
- Missing JPA provider implemention

```
private static javax.persistence.EntityManagerFactory factory;
public static EntityManager create() {
         if(factory == null) {
                      factory = Persistence.createEntityManagerFactory("carshare-pu");
         }
         return factory.createEntityManager();
}
```

Impl. problems:

Client side

- Problem with selecting row in grid
- Topic on stackoverflow
    - http://stackoverflow.com/questions/10471608/how-to-start-new-activity-when-row-is-selected-in-listview
- Without any response from community

Evaluation:

- SERVER
  - Done 2 of 3 tasks from TODO
  - Most of time wasted with solving problem of storing data
  - All features tested using raw web service console, that deployed for testing with client app

- CLIENT
  - Done 6 of 7 tasks from TODO
  - Most of time spent on creating UI layouts

Thanks!

http://code.google.com/p/car-share
http://car-share-project.blogspot.com
https://www.ohloh.net/p/car-share