159.356 Software Engineering C **Dale Halliwell**
Semester 2, 2008 04292715
[Group A]

Weekly Report: Week 11

Feedback "social score" (15 hours)
Added further support for feedback, allowing drivers to place on passengers and vice versa, preventing feedback from being submitted more than once per actor per ride instance, creating the myfeedback.html page and its handler in order to list the feedback, testing, and generally finishing the work that I started last week on this component. This also involved displaying lists of some of the user's past rides on certain pages so that these could be accessed in order to place feedback on drivers or passengers.

HTML validation (5 hours)
In some of the pages where we created entities or used AJAX-based controls an issue was discovered where there was a possibility of unsafe data being saved into the datastore - or worse, being executed by the browser. I added validation where I could on the input data, and added filters to escape special characters on any data from the user that would be parsed by the browser.

Administration functions (16 hours)
The ability of the ride owner to manage passengers and cancel their rides, and the ability of passengers to withdraw from rides was an important feature of the Accept Ride UC that we added to the scope of this prototype. There were also implications for the mail notification component as we wanted drivers to be notified if passengers cancelled, and passengers should obviously be notified if the ride is cancelled. People requesting rides were also given the ability to withdraw their requests, and others were given the ability to accept those ride requests (by creating a ride that the requester would be notified of and invited to join). Formatting many of the pages (mainly the ride view page) to hide or display these controls based upon the status of the ride or ride offer (current or expired) and the actor viewing the page (user, driver, or passenger).

Ride list formatting (5 hours)
I revised the way all the lists of rides would be displayed on the site with a standard form that was more legible and based on the same css stylesheet elements.

Instructions for site and user manual (6 hours)
I spend some time this week making sure all the features I had worked on all had clear instructions on their usage. This also provided a starting point for us to develop the support page and user manual documentation.

Supporting team work (3 hours)
Since a lot of the work we did this week was together as a team, a reasonable amount of time was taken up asking and answering questions of other team members so the components would interface properly and we were all aware of what others were doing insofar as it affected our own work.

Maintaining documentation (2 hours)
Maintaining the ERD diagram, glossary of terms, and using the issue tracking features of Google Code that have been so valuable to our project

Presentation (2.5 hours)
On Tuesday we spent a few hours before the presentation preparing for it, creating a plan for how I would talk through the demonstration that Carlos and I would give of the functionality, and afterwards the slides

that Lucia made on the development process. On reflection, we did not spend very much time on this as the other teams because we were working on features right up until this time. However we felt it was more important to have a quality product even if this meant having less time to prepare our presentation.

Reflection Essay (8 hours)
Writing the 10% essay reflecting on my experiences working on this project.

Total - 62.5 hours
