

## Weekly Report: Week 7

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### Code refactoring

This week my task was to implement the design changes discussed since the last prototype. This involved the creation of the Ride, Seat, PassengerRequest, and Location entities, changes to the behavior of the RideOffer entity. Beyond the changes to the model, providing a basic working framework of skeleton pages for the creation and management of these entities that implement only the most core functionality. This gives us a working proof-of-concept of our model, and we can assign people to work this week on each of the skeleton-pages with the confidence that the core architecture is sound and without much dependency on one another.

Now that these changes have been made to the models, there is still a lot of work to be done in setting up the page handlers and the html of each page.

This has taken between 30 and 40 hours over the week and weekend.

### Prototype 2 Report

I have also helped the other group members in proofing and contributing to the report. I have updated the Glossary of Terms document and the ER diagram with the changes to field names and terminology that we are using. I have written an explanation of the way we are using Google App Engine and the Django Model-View-Controller architecture, and how this architecture benefits our development process. I have also written about the Abstraction-Occurrence design pattern that influenced our design of the ER model for this prototype.

This has taken about 3 hours this weekend.

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