

Sprint 4 third meeting:

Persons attended: Rui Zheng & Dingchang Yang & Zechen Jin

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Rui Zheng & Dingchang Yang & Zechen Jin met together to discussed the design of the input type and the output type of the algorithm. The input type of the algorithm was similar to the sample Excel file that the clients provided to us. We also created the input object based on our discussion. We also created test for the input object. We also had the Jenkin test for the input object. We finally discussed the output type of the algorithm. In Dingchang Yang's algorithm, he decided to merge possible trips to get cost-efficient trips. Every car would have as many trips as possible to minimize the cost. Therefore, we decided to have a trip class that can represent every single trip, which starts from the first user enter the car. There might be other user joined the car in the trip. The trip ends when the car is empty. The car table class has a list of trip and a Boolean which represent whether the car is a mbta car or a taxi. Our final output would be a list of car table. We created all needed class for the output data. We haven't had any test for the output yet, because we haven't finished the final algorithm yet. Dingchang Yang has already created a basic algorithm.