# Project Report 1

Andrew Xu(andrewxu), Weili Liu()

We have done step 1 and step 2.

We implement step one using one storage instance for all three kinds of resources and customer. It does not currently support multiple transactions running in parallel.

There is only one instance of transaction storage for each process. The TransactionStorage class supports

* Read, Write, Delete for both Resources and Reservations.
* GetCustomers to get all customers who has reserved something.
* GetResources to get all resources
* Commit and Abort for the transaction
* Reliable storage on disk

Extra points:

* Implemented multiple shadows for when we have several parallel transactions. This is disabled for now.
* A few unit tests have been added, although the coverage is not enough yet