**SCC Project – 2020/2021**

**Reservation Management System**

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**Introduction**

The proposed project was challenging and very interesting to us, allowing us to explore some important cloud concepts and models, while developing a system that is pertinent and useful.

We implemented all the services that we set out to implement. The project was not implemented for the full grade (20), given that we did not implement support for advanced search or computation with Cognitive Search or Spark, and also did not test for geo-replication, though we tried to implement it.

**Design**

**Implementation**

**Evaluation**

**Add Calendar – done**

**Add entity – media working, entity getting 400**

**Get all entity – done**

**Add image – done**

**Add forum –**

**Add message reply –**

**Add reservation –**

**Check entry –**

**Comment –**

**Delete entity –**

**Caching**

Create entity: 352 ms

Get entity: 221 ms

Delete entity: 233 ms

Post calendar: 136 ms

Get calendar: 147 ms

Delete calendar: 107 ms

**No caching**

**Conclusions**