

Use Case Details

- Create Employee

The following System Sequence Diagram (SSD) depicts how an applicant applies to be a broker, and how the Manager is involved in the process.

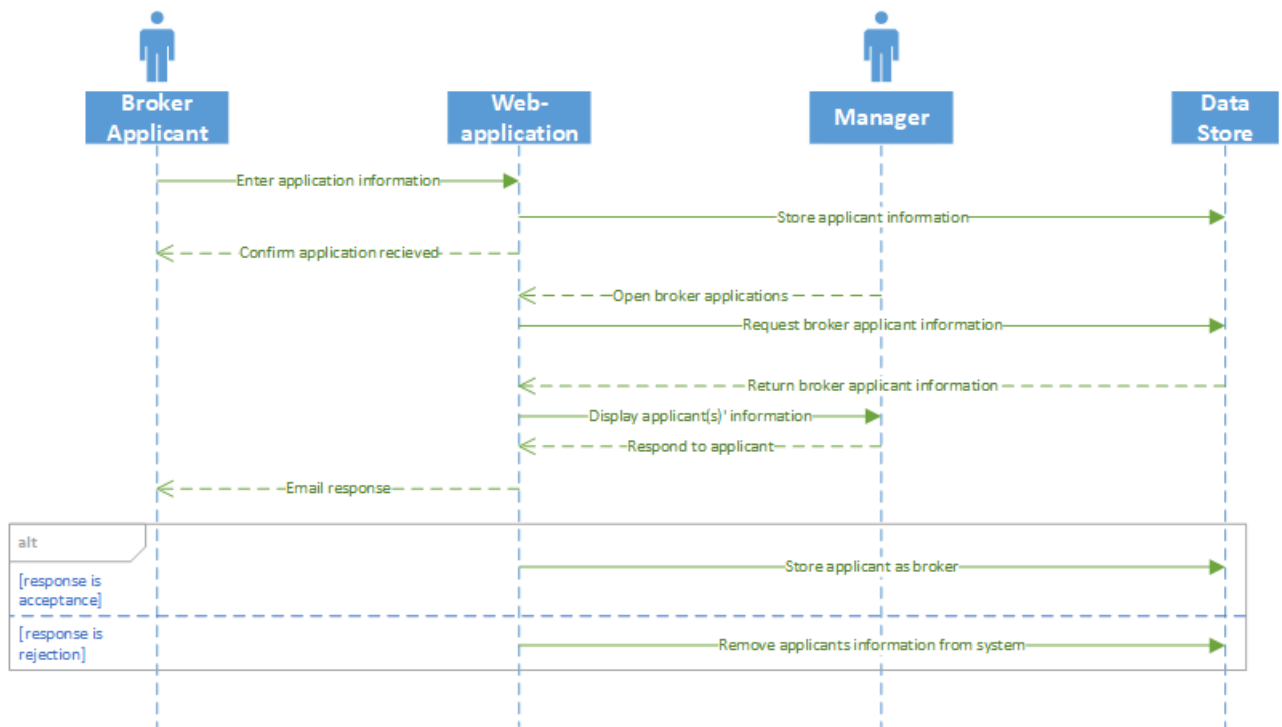


Figure 1: System Sequence Diagram for the 'Create Employee' use case

- Create Home Application

The following SSD depicts the steps taken by customer to create a new home application.

- Create Home Suggestion

The above use case involves the 3 main parts: the system, the application (includes the customer preferences) and the

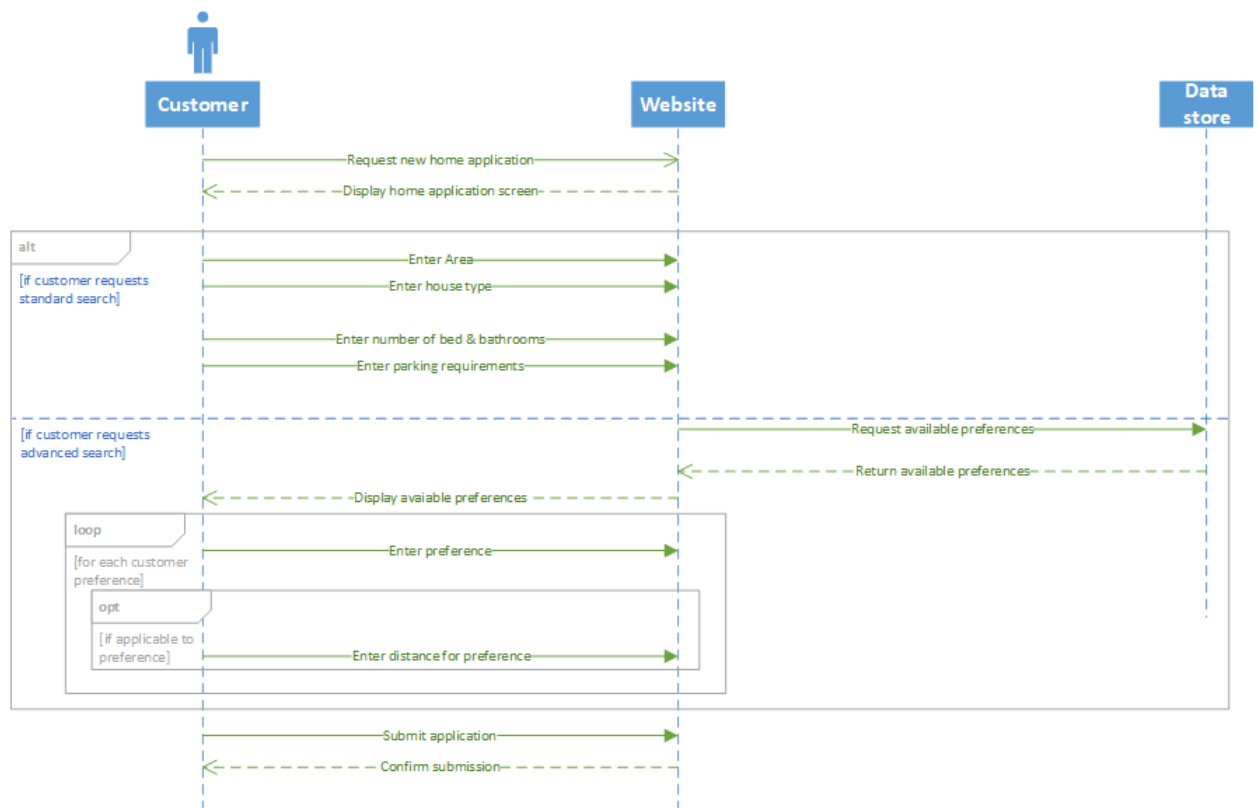


Figure 2: System Sequence Diagram for the 'Create Home Application' use case

Google Maps API (GMAPI).

After the customer has made an application for a smart home selection, the system will request the location of all the customers preferences in the vicinity of the customers preferred area from the GMAPI (for example, if the customer wanted a nearby hospital and to live in Sandton, all the hospitals near Sandton would be retrieved).

From there, the System will retrieve all the available homes in the relevant area and will cross reference them with the applications preferences.