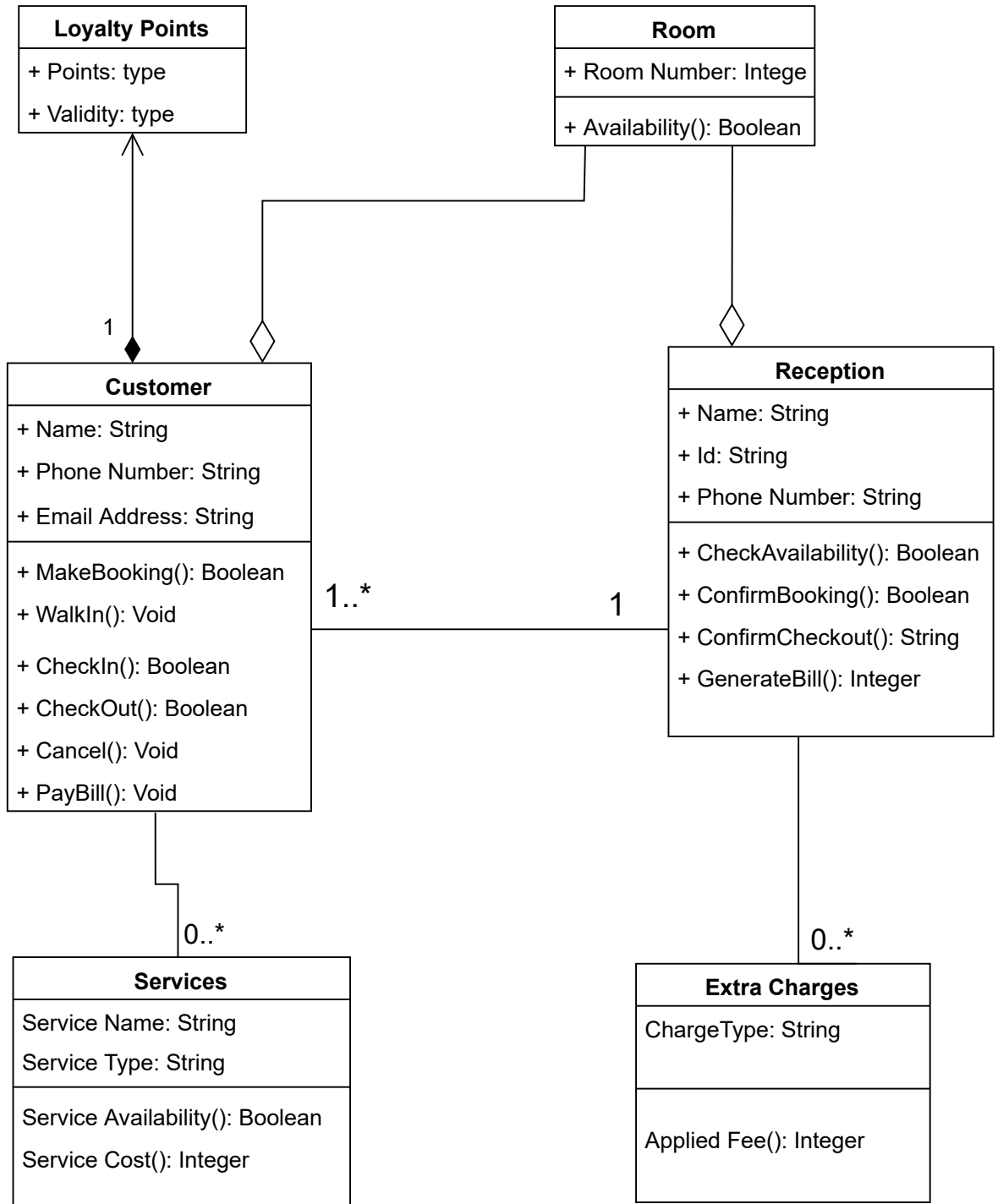
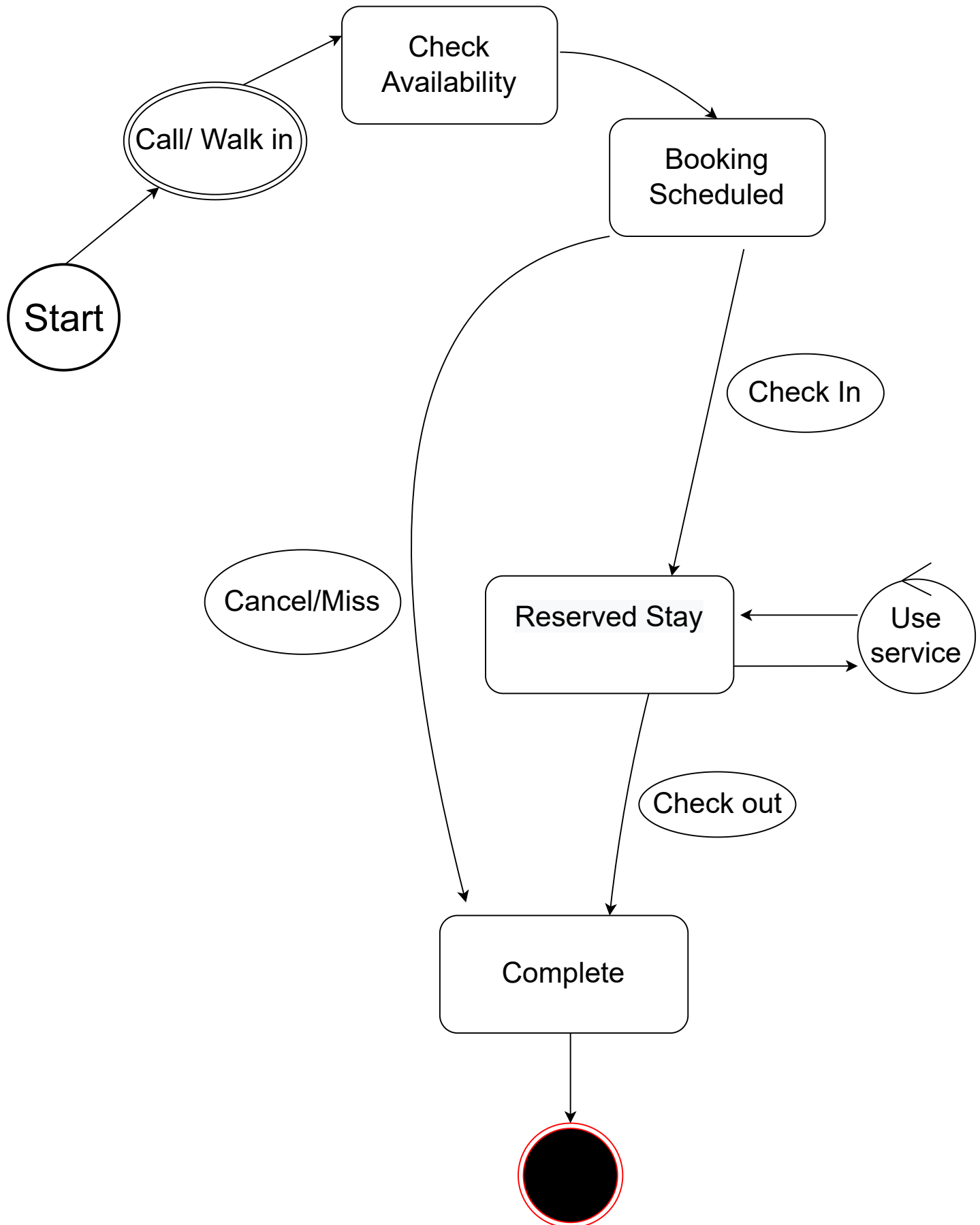


1. UML Class Diagram



2. UML State Diagram



3. UML Activity Diagram

