

Week 3 Task

UML Diagrams of Rating Robot

Done by: Ahmed Alsuhaibani & Noha Shafiq

This document includes 3 diagrams that representing the process of the robot's system and the functions of the physical parts in Rating Robot.

The added idea in these diagrams to the robot that we want to let the robot makes a content on the social media. Particularly, we thought about adding a simple game to the robot's system that the customer can play with it for about 30 seconds, such as, historical questions, food related questions, etc.. During playing, the robot records the customers' reaction using a camera. both the recording and the robot interactions could be uploaded to a social media platform (TikTok, Instagram, ...).

We believe that it may be a good way to attract customers to evaluate the restaurant and get more feedbacks, and some prizes could be given for the customers based on the results of the game!

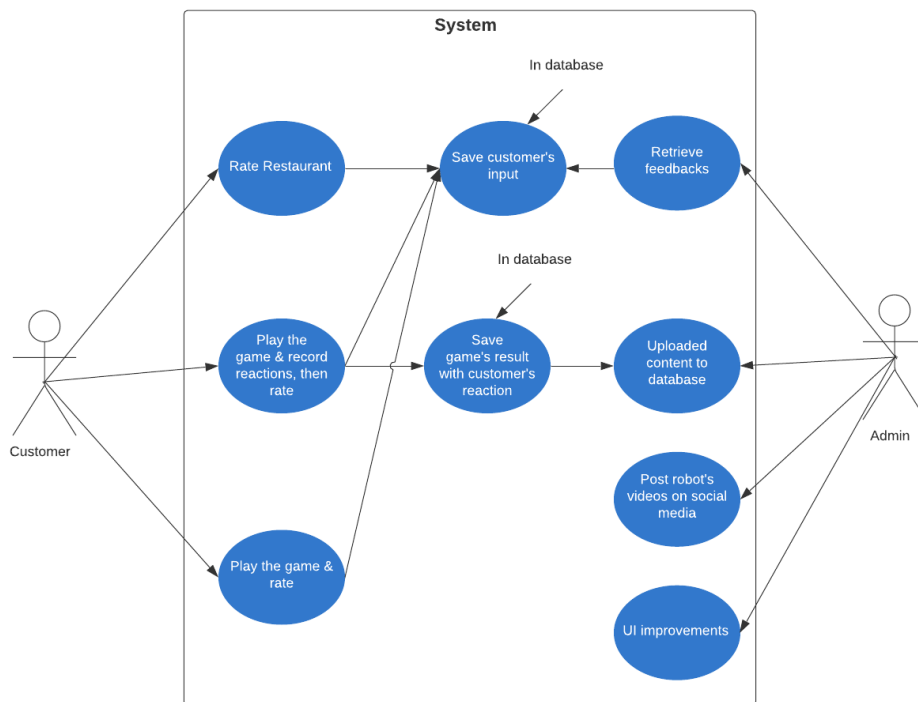


Figure 1, Use Case Diagram

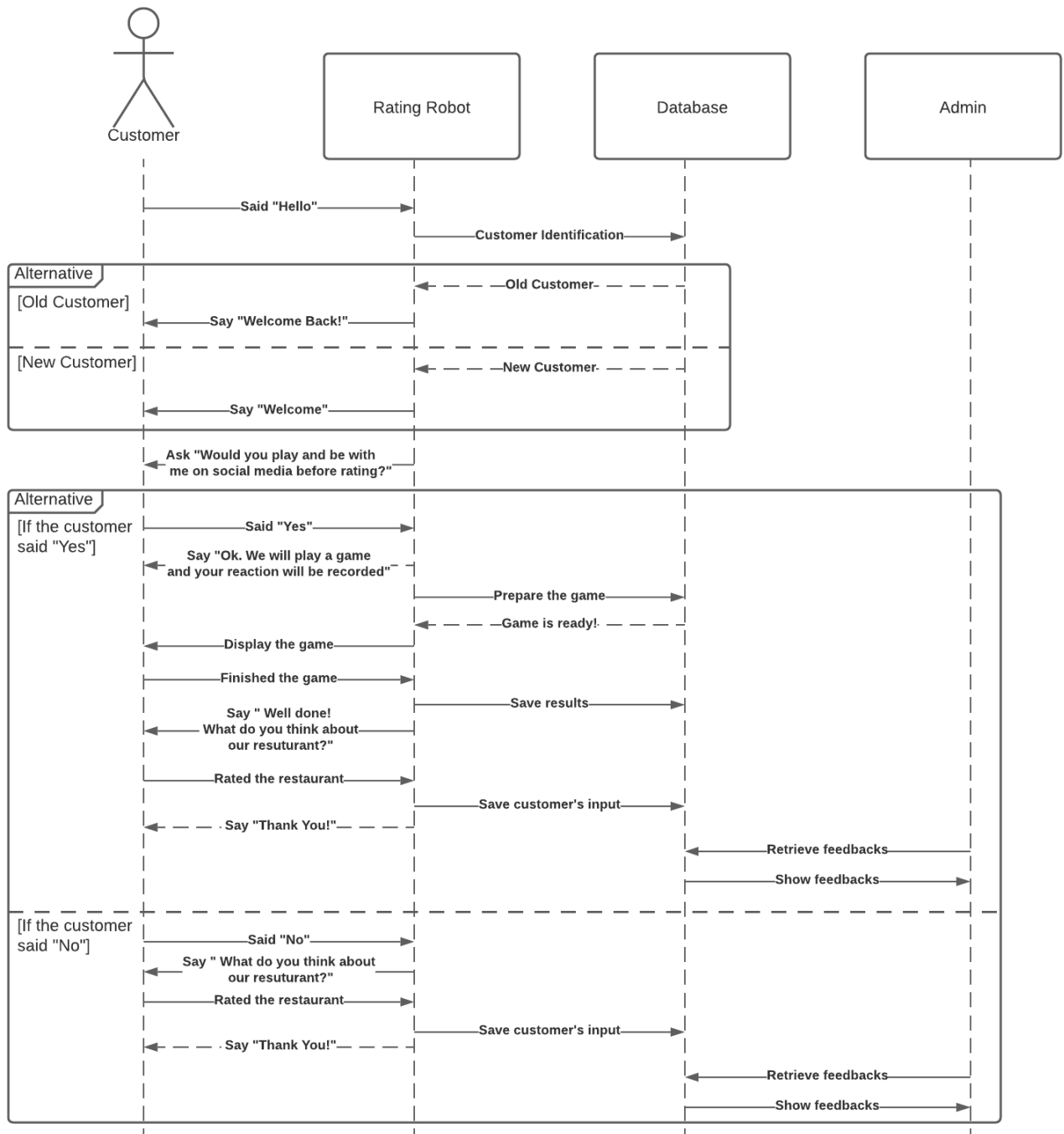


Figure 2, Sequence Diagram

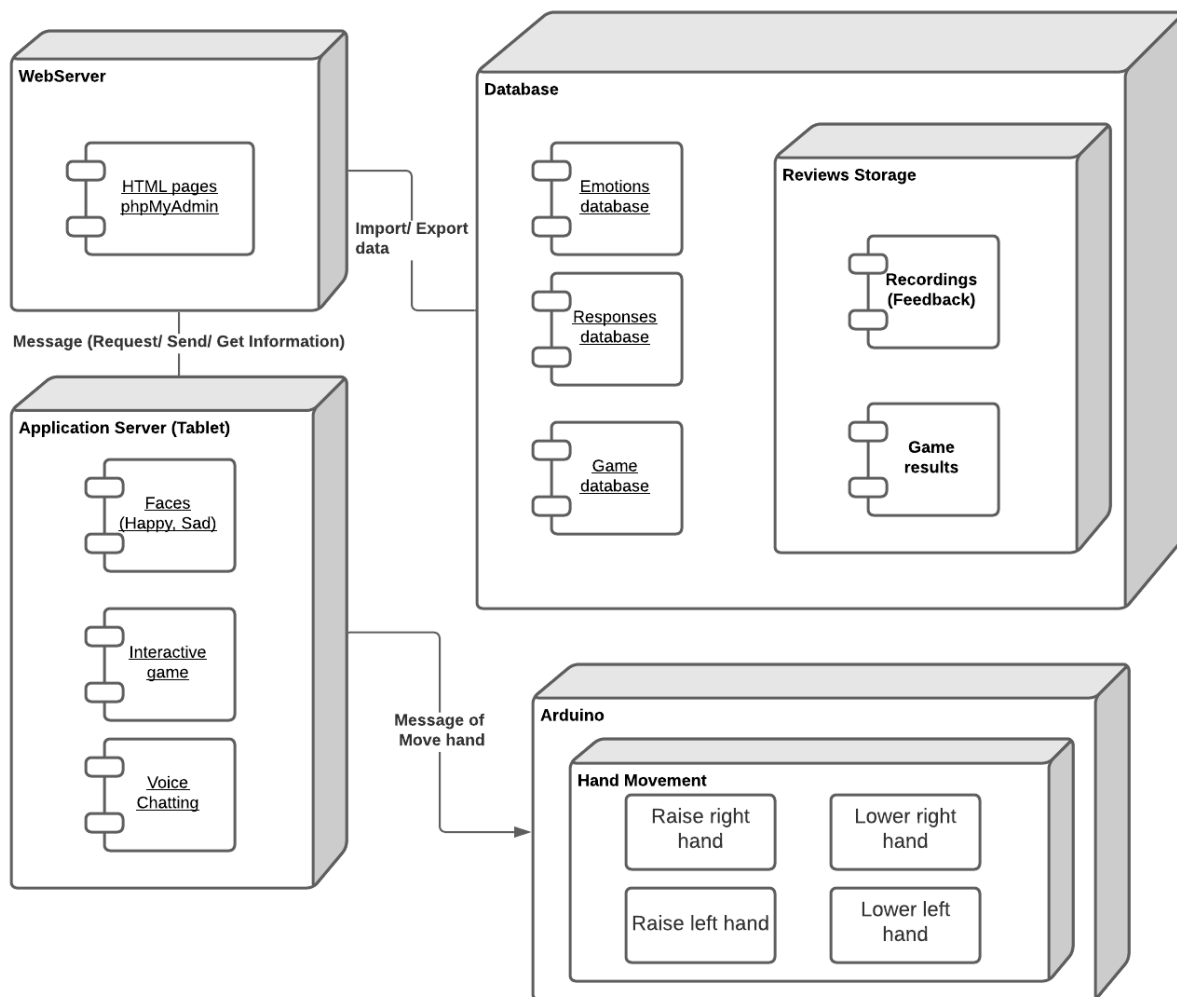


Figure 3, Deployment Diagram