

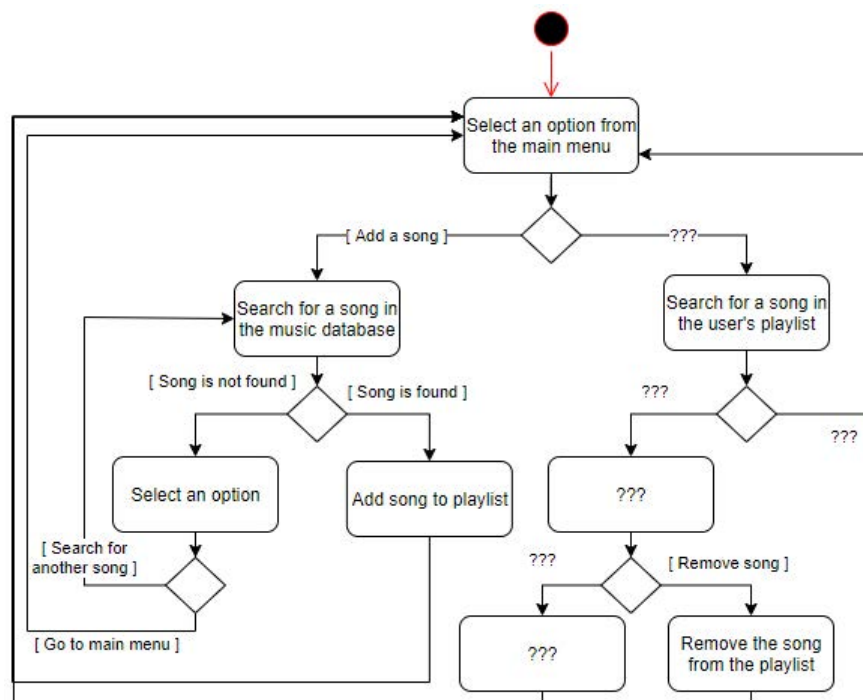
CSE360 Summer 2021 Assignment 1

John J Li

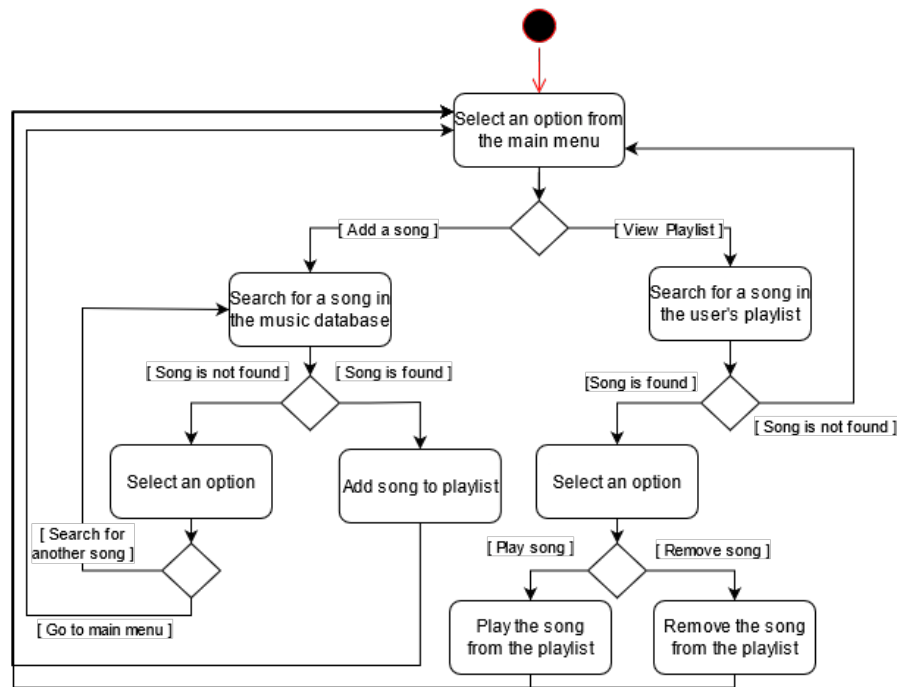
June 11, 2021

Problem 1

Below is an activity diagram that models some of the actions described in the system above. Fill in the six missing “???” parts to make the diagram fully match the above description.

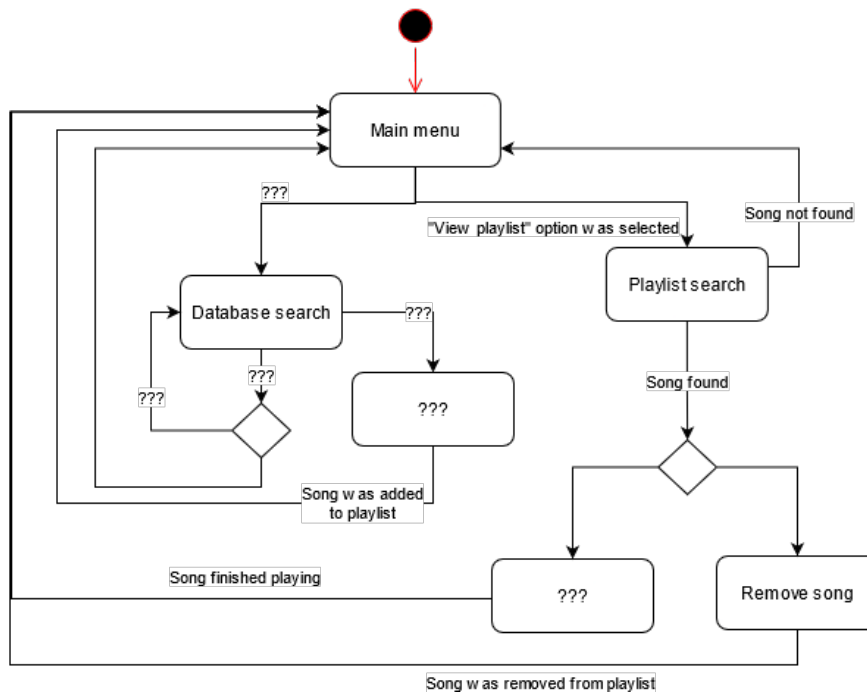


Solution

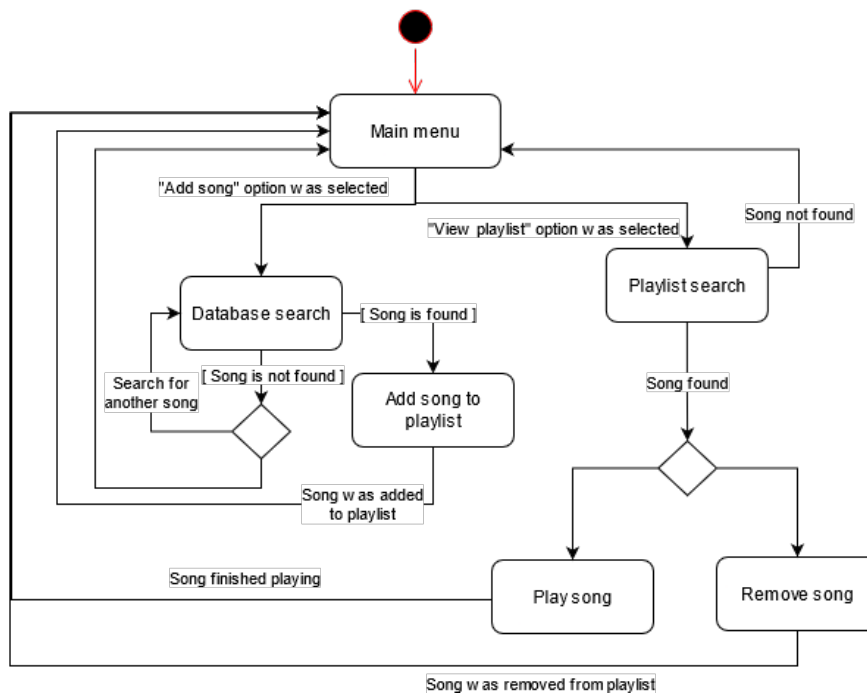


Problem 2

Below is a state diagram that models some of the states that the above system could go into. Fill in the six missing “???” parts.



Solution

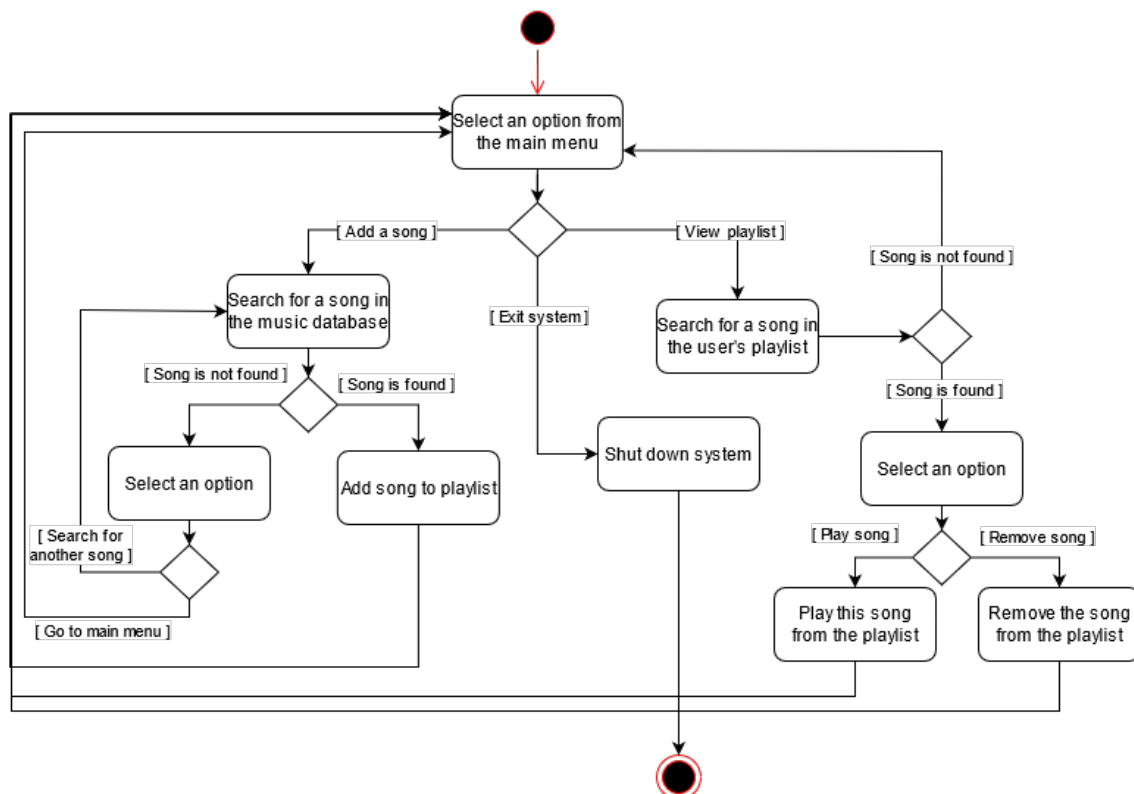


Problem 3

Let's add a new option to the main menu of the online music playlist system, "Exit the system".

Modify the activity diagram from problem 1 to include a third option that the user can select from the main menu. If the user selects this new option, the system performs the actions to shut down and the activity diagram should end.

Solution



Problem 4

Let's add a new option to the main menu of the online music playlist system, "Exit the system".

Modify the state diagram from problem 2 to include a state meant to indicate the system is shutting down. Once the system shut down is complete, the state diagram should end.

Solution

