

11.2.5.1

Home screen rendering

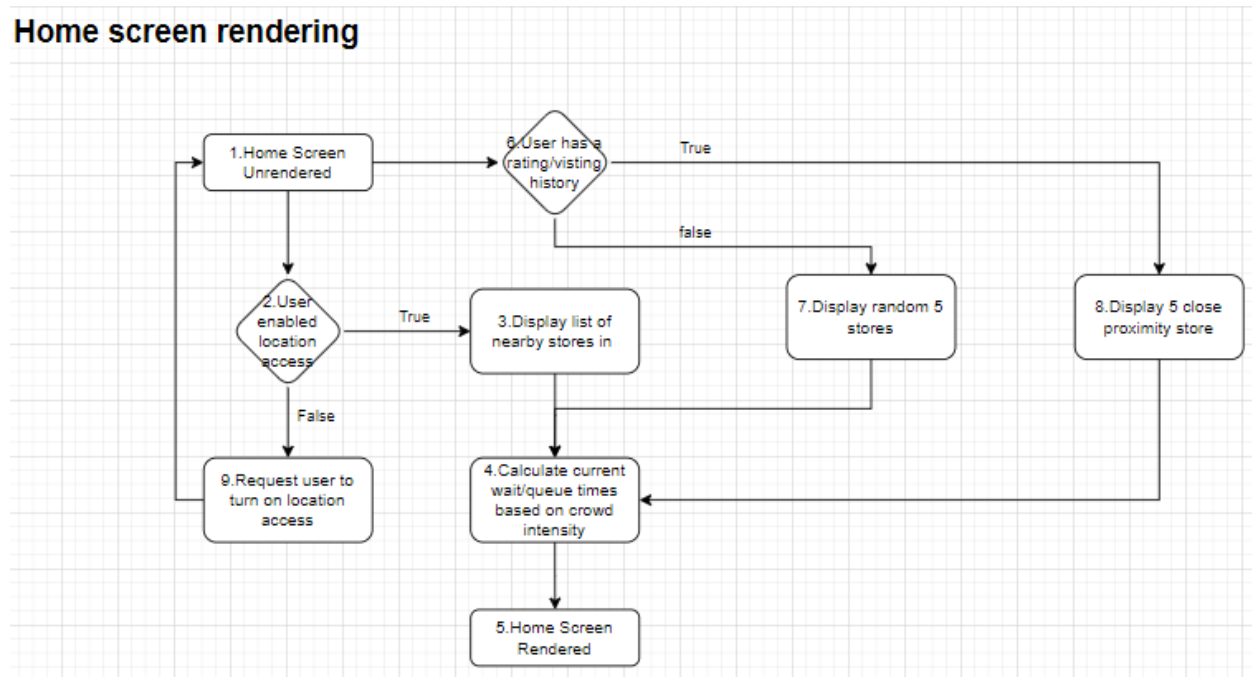


Figure 14:Control Flow for screen rendering

11.2.5.2 Basis Path

- a. {1,2,3,4,5} + {1,6,8,4,5}
- b. {1,2,3,4,5} + {1,6,7,4,5}
- c. {1,2,9,1}

11.2.5.3 Testing Cases

Test Case (a):

The successful rendering of the home screen. This occurs when both paths are successful and stores are pulled from the MongoDB database to be displayed on the user screen. In the second half of the basis path is the recommendation feature of the application recommending the top 5 stores based on proximity to the user.

Test Case (b):

The successful rendering of the home screen. This occurs when both paths are successful and stores are pulled from the MongoDB database to be displayed on the user screen. In the second half of the basis path is the recommendation feature of the application just recommending 5 random stores due to the absence of a user history.

Test Case (c):

The unsuccessful rendering of the home screen. This occurs when the user has not enabled user location to be enabled.