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| **Test Case** | **Expected Result** | **Associated Requirement(s)** |
| A map is seen upon opening the application. | Pass | REQ9 |
| If a food truck is located in a region on the visible map, it is identified by a symbol. | Pass | REQ9 |
| If an Android device of Jelly Bean 4.2 (API 16) or higher is used to access “Lunch on Wheels,” the application launches successfully. | Pass | REQ14 |
| The user interface allows a food truck owner to type in information to register for a new account. | Pass | REQ2 / REQ11 |
| Create an account for a food truck owner with a password and with profile information completed. | Pass | REQ2 / REQ11 |
| Test the login with the established password. | Pass | REQ2 / REQ11 |
| Test the login with an invalid password. | Fail | REQ2 / REQ11 |
| Food truck owner can update their truck profile, including truck name, website, and description. | Pass | REQ3 |
| Changes are saved when the “Submit” button is pressed. | Pass | REQ3 |
| The map centers on the anonymous user’s location. | Pass | REQ1 |
| If there are food trucks in the vicinity of the anonymous user’s location (i.e., within 10 miles), the map shows pins of food trucks around the user’s location. | Pass | REQ1 |
| A user may input information and create an account. | Pass | REQ5 |
| The user may login to the app using the username and password created during the registration process. | Pass | REQ5 |
| When the app is opened by a user who has not yet logged in but who has GPS enabled on their device, the map automatically centers to their current location. | Pass | REQ10 |
| If trucks are in the area visible on the map, they are visible (indicated with markers). | Pass | REQ10 |
| Any user can open the navigation drawer by clicking the hamburger icon or via right swipe. | Pass | REQ18 |
| When a user clicks on a truck marker on the map, a pop-up appears over the truck, and a visual indicator to add the truck to the user’s favorites list appears. | Pass | REQ16 |
| If a logged in user adds a truck to his/her favorites list, the MySQL database is updated with the added truck. | Pass | REQ6 |
| If a logged in user attempts to add a truck that is already on his/her favorites list, the system does not perform the duplicate favorite action; no duplicate favorites entry is added to MySQL database. | Pass | REQ6 |
| When a user attempts to register a new account with a username that already exists in the database, an error message is displayed, and the account is not created. | Pass | REQ19 |
| When a user clicks on the “Favorites” option on the navigation drawer, a list of the trucks the user has added to his/her favorites appears | Pass | REQ20 |