**Test Plan**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Id** | **Description** | **Expected input** | **Expected output** | **Actual Output** |
| **TC1** | **Alert sent to the user for empty tank** | **Float sensor value** | **Determines whether tank is empty or not** | **Pass** |
| **TC2** | **Alert for darkness near the plants** | **LDR sensor value** | **Determines darkness** | **Pass** |
| **TC3** | **Readings of soil moisture sensor** | **Soil moisture sensor values** | **Displays on the user’s mobile phone** | **Pass** |
| **TC4** | **Readings of LDR sensor** | **Values of LDR sensor** | **Displays the values to the user** | **Pass** |
| **TC5** | **Alerts on Sound level for the growth of plants** | **Values of sound sensor** | **Determines sound/music frequency** | **Pass** |