**TEST CASES:**

**Pre-Requisites:**

Make sure internet is available.

Make sure that “HEART RATE MONITOR” application is available on Play Store.

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| **STEP #** | **Action Description** | **Acceptance Criteria** | **Actual Result** | **Conclusion** |
| 1 | Open play store application.  Enter “Heart Rate Monitor” in the search field. | Details of “heart rate monitor” app is displayed among the listed apps. | Details of “heart rate monitor” app displayed among the listed apps. | Passed  Failed |
| 2 | Verify the details of app | Details of “heart rate monitor” is displayed with:   * App icon * App name” Heart Rate Monitor” * Ratings * Category of app * Number of downloads * Size of app. | Details of “heart rate monitor” displayed. | Passed  Failed |
| 3 | Tap on the “Heart Rate Monitor” app | “Heart Rate Monitor”  Screen is displayed with   * Install button | Heart Rate Monitor”  Screen displayed along with  Install button. | Passed  Failed |
| 4 | Tap on install button. | Installation process begins.  Cancel button is displayed.  “Uninstall” and “open” buttons displayed after complete installation. | App was installed.  “Uninstall” and “open” buttons were displayed after complete installation. | Passed  Failed |
| 5 | Tap on “open” button. | The app is launched. | The app was launched successfully | Passed  Failed |
| 6 | Launch the app from Play Store or from the Apps screen for the first time | The instructions for user are displayed with   * “Ok” option | The instructions for user displayed along with “Ok” option | Passed  Failed |
| 7 | Exit from the app and Launch the app again. | The instructions for user are not displayed. | The instructions was not displayed after the first launch/use. | Passed  Failed |
| 8 | Launch the app and tap “OK” on the instruction screen | Pop up for camera access is displayed with   * “Ok” option | Pop up for camera access is displayed along with “Ok” option | Passed  Failed |
| 9 | Tap “ok” on the camera access pop up | Pop up prompting the user to grant Permission for camera access is displayed with   * Deny option * Allow option | Pop up for camera access displayed. | Passed  Failed |
| 10 | Tap “deny” option on camera access popup | Pop up for camera access is displayed with   * “Ok” option | Pop up for camera access is displayed along with “Ok” option | Passed  Failed |
| 11 | Tap “allow” option on camera access popup | “tap here to start” is displayed on screen. | Screen displays “tap here to start” | Passed  Failed |
| 12 | Tap on “tap here to start” and place a finger on camera | The app starts measuring the heartbeat rate. | The app started measuring the heartbeat rate of the user. | Passed  Failed |
| 13 | Tap on “tap here to start” and finger is not placed on camera | Turns on the flashlight and waits for the user for further action | The app turns on the flashlight and waits for user. | Passed  Failed |
| 14 | Tap on the menu icon. | The menu with following options is displayed:   * MEASURE * STATS * HISTORY * CALM * SETTINGS * HELP * FEEDBACK * REMOVE ADS | The menu with said options displayed on left hand side of screen. | Passed  Failed |
| 15 | Tap on “Stats” | Statistics with the following options when user selects the “Stats” option:   * All LABELS on left hand side of screen * WEEK and MONTH right hand side of screen * “AVG”, “MIN’ and “MAX” of the measurements displayed below the bar graph. | STATS screen displayed with “all labels”, “week” and “month” | Passed  Failed |
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| 16 | Tap “Tap here to Start”  Place finger on the camera. | App measures the BPM and a pop to save data is displayed with measure bpm and the following options:   * “LABEL” Text field * “IGNORE” button * “SAVE” button | The measured BPM displayed on the pop up prompting to label and save or ignore the data. | Passed  Failed |
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# Review Process

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| **Test Case name** | **Step No.** | **Reviewer** | | **Author Comments** | **Comments** |
|  | | **Comments** | **Severity** |  | |
| Heart Rate Monitor\_Test Protocol | 4 | More clarity on steps, use bullet points. | Minor |  |  |
|  | 10 | Expected output is not clear | Critical |  |  |
|  | 12 | Output need more description | Major |  |  |
|  | 16 | Test description not apt. | Major |  |  |