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| S.no | Requirement | Scenario Description | Test Protocol name |
| 1 | HRM\_SRS\_1: Play Store shall have HRM App details | Verify app name in: Play store search screen, play store app details screen | Heart Rate Monitor\_Test Protocol |
| 2 | HRM\_SRS\_2: HRM App shall install properly and App name shall be display as “Heart Rate Monitor | 1. Verify install button is appear or not. 2. Verify waiting status. 3. Verify downloading. 4. After downloading verify uninstall and open button is present or not. 5. Verify whether user can open app from play store or not. 6. Verify whether use can uninstall app from mobile or not. 7. verify app icon is present in the mobile or not. 8. Verify app name is “heart rate monitor” 9. Verify user can open application from device or not. 10. Verify user can uninstall application from device. | Heart Rate Monitor\_Test Protocol |
| 3 | HRM\_SRS\_3: App shall work in while online and offline mod | 1. Verify whether app working in offline mode or not. 2. Verify whether app is working in online mode or not. | Heart Rate Monitor\_Test Protocol |
| 4 | HRM\_SRS\_4: HRM shall be display Instructions screen after launching the app for first time. | 1. Verify whether app is giving instruction to new user or not. 2. App should not give instruction after first time usage. 3. Verify whether app is giving instruction after reinstalling. | Heart Rate Monitor\_Test Protocol |
| 5 | HRM\_SRS\_5: Camera access popup shall be display after instructions screen. | 1. Verify whether camera access popup is displaying after instruction or not. 2. Verify whether camera access popup is not displaying after first time usage. 3. Verify whether camera access popup is displaying after reinstalling application. 4. Verify whether ACCESS button is present or not in popup. 5. After giving access verify whether app is able to access camera or not. | Heart Rate Monitor\_Test Protocol |
| 6 | HRM\_SRS\_ 6: shall allow the user to Measure BPM | 1. After allowing camera access Bpm button is appearing or not. 2. Check whether app is allowing users to measure bpm or not. | Heart Rate Monitor\_Test Protocol |
| 7 | HRM\_SRS\_7: Menu screen shall be display with below options:  · MEASURE  · STATISTICS  · HISTORY  · CALM  · SETTINGS  · HELP  · FEEDBACK  · REMOVE ADS | 1. Check whether menu button is available or not. 2. Check menu button is working or not. 3. Verify that after clicking on menu button, all menu is appearing or not. 4. Verify MEASURE button is appearing and working properly. 5. Verify STATISTICS button is appearing and working properly. 6. Verify HISTORY button is appearing and working properly. 7. Verify CALM button is appearing and working properly. 8. Verify SETTING button is appearing and working properly. 9. Verify HELP button is appearing and working properly. 10. Verify FEEDBACK button is appearing and working properly. 11. Verify RAMMOVE ADS button is appearing and working properly. | Heart Rate Monitor\_Test Protocol |
| 8 | HRM\_SRS\_8: If user taps on STATISTICS option from More menu, STATISTICS screen shall be display with options: All LABELS  Day  Week  Month  All LABELS shall display at Left side.  Day, Week and Month options shall be display Right side. | 1. Verify whether Statistics option from menu is giving below options on a click.  * All labels * Day * Week * Month  1. verify whether all labels are displaying in the left side of screen. 2. verify whether day, week and month are displaying 3. in the right side of screen. |  |
| 9. | HRM\_SRS\_9: HRM asks user every time to “Tap here to Start” to check BPM | 1. verify whether “Tap here to start” button is appearing or not 2. “Tap here to start” button should appear every time to check BPM |  |
| 10. | HRM\_SRS\_10: HRM shall be display popup to save data with:  · Title with: Heart Rate · Measured Heart Rate with BPM as unit.  · “LABEL” Text field  · “IGNORE” button  · “SAVE” button | 1. Verify whether popup is appearing to save data. 2. Verify title is Heart rate 3. Verify measured heart rate is saved with bpm as unit 4. Verify text fieald is present or not. 5. Verify ignore button is present or not on popup. 6. Verify save button is present on popup or not. |  |
| 11. | HRM\_SRS\_11: If user taps on HISTORY option from More menu then HISTORY screen shall display with list of previously measured Heart Rate values | 1. Check whether “more” option is available in menu bar or not. 2. Verify more option is giving some extra options or not |  |
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**Test cases design:**

**Pre – requisites:** make sure Internet is on and “Heart rate monitor” app is available on play store.

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| Step | Action Description | Acceptance Criteria | Actual Result | Conclusion |
| 1. | 1. Open play store app  2. Click on search  3. Enter text “Heart rate monitor”  4. Press search | * App details are appeared. * App rating * App reviews * Downloads * Screenshots * Manufacture * About app * Category of app (health & fitness) * Install button should appeared | Samsungm51\_TC01\_1 | PASS |
| 2 | Click on Install button | * waiting status should be appear. * App should Started download * Uninstall and open button should appear | Samsungm51\_TC01\_2.1  Samsungm51\_TC01\_2.2 | PASS |
| 3 | Click on open button | User should able to open application from Play store | Samsungm51\_TC01\_3 | PASS |
| 4 | Again, go to play store and search app and then press search and Click on Uninstall | User should able to uninstall application through Play store | Samsungm51\_TC01\_4 | PASS |
| 5 | 1. Exit from play store.  2. search for “heart rate monitor” in mobile device | * App icon should be appearing * App name should be appearing as “heart rate monitor” | Samsungm51\_TC01\_5 | PASS |
| 6 | Long press on Application | Uninstall button should appear | Samsungm51\_TC01\_6 | PASS |
| 7 | Click on uninstall | User should be able to uninstall application | Samsungm51\_TC01\_7 | PASS |
| 8 | Again, repeat step 1 and 2 And click on Application from device(Not through play store) | User should able to open app from there | Samsungm51\_TC01\_8 | PASS |
| 9 | Disconnect network and check whether app is working in offline |  |  |  |

**Review:**

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| Test Case Name | Step No | Reviewer |  | Author comments | Comments |
|  |  | Comments | Severity |  |  |
| Heart rate Monitor test protocol. | 8 | Prior steps are missing  Will the app should be downloaded from the play store again? | Minor | Fixed |  |
|  | 4 | App should be uninstalled from the device not from the store (maybe Typo) Please check! | Minor | Fixed |  |
|  | All | Capital case missing | Minor | Fixed |  |
|  | 1 | Typo | Minor | Fixed |  |
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