Who did what?:

Electrocardiogram Machine Documentation & Reviews

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# Introduction

This file will list out all **documentation** and **development** completed for **Electrocardiogram Machine(ECG)** by the members of 0xDEADBEEF group and display if those documents have been reviewed and if so, by whom.

Members: Huseyin Sert (HS), Harrison James Marcks (HJM), Jesse Batt (JB) and Dan Steer (DS).

Keywords:

SDLL: Software Design Low Level

AT: Acceptance Test

FSM: Finite State Machine

On the Comments / Questions / Revision Request column, user (Name(s) given in **Reviewed By**) will specify what they are writing about and date it. Task creator will then respond. This way progress of each task will be also be viewed.

# Huseyin Sert

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|  | **Task** | **Reviewed By** | **Comments / Questions / Revision Requests** | **Revision Made** | **Complete** |
| **NA** | Example use case | HJM, DS, JB | HJM: Looks good. (16/11/18)  DS: Looks good. (16/11/18)  JB: Looks good. (16/11/18) |  | YES |
| **NA** | Example use case 2 | HJM, DS | HJM: This is wrong because of XYZ. Please change. (16/11/18)  Response: XYZ changes have been made. (18/11/18)  HJM: Changes are confirmed. Looks good now. (19/11/18)  DS: Looks good. (19/11/18) | YES | YES |
| **1.** | Initial high level design |  | JB: Sound design.  (27/11/18) |  |  |
| **2.** | Ease of use AT | DS, JB, HJM | DS: This looks good. All tests seems to cover requirements. (27/11/18)  JB: Covers basis for the requirements. Looking good.  (27/11/18)  HJM: Up to snuff with the requirements.  (27/11/18) |  | YES |
| **3.** | Screen AT | DS, JB, HJM | DS: This looks good. All tests seems to cover requirements. (25/11/18)  JB: Covers basis for the requirements. Looking good.  (26/11/18)  HJM: Up to snuff with the requirements.  (26/11/18) |  | YES |
| **4.** | FSM –USB updated design | DS, JB, HJM | DS: This looks accurate. Thanks for (25/11/18)  JB: Looks fine. Seems to cover all states.  (26/11/18)  HJM: Seems cover all states and events. Looking good.  (26/11/18) |  | YES |
| **5.** | WhoDidWhat\_Documentation\_Review\_ECG (this document) | DS, JB, HJM | JB: Good format, must ensure we update as regularly as we review  (24/11/18)  HJM: Good format. Enables members to note down their contributions and enable them to log their reviews. Concise. (27/11/18)  DS: Everything is in same place making easy to see who has done what and who has reviewed what. (27/11/18) |  | YES |
| **6.** | LLSD - Screen | DS, JB, HJM | JB: Looks good, easy to follow  (24/11/18)  HJM: Looks good. (27/11/18)  DS: Respectable. (27/11/18) |  | YES |
| **7.** | FSM - Screen | DS, JB, HJM | DS: This looks good  (27/11/18)  JB: Looks good, easy to follow.  (24/11/18)  HJM: Looks good. (27/11/18) |  | YES |
| **8.** | Creating a **master** document for ECG with all components in it.  -Requirements  -Acceptance Tests  -Designs | DS, JB, HJM | JB: Needs to have all documents in it. Missing some designs.  (14/11/18)  JB: Looks good now. Documents and designs have been added.  (25/11/18)  HJM: Up to snuff. Everything in one place. Looking complete (27/11/18)  DS: Looks complete and easy to follow. (27/11/18) |  | YES |
| **9.** | Refactoring the **high level** designs to a consistent and clear format | DS, JB, HJM | JB: Looks good, consistent throughout.  (24/11/18)  HJM: Consistent. (27/11/18)  DS: All follow same style, easy to understand. (27/11/18) |  | YES |
| **10.** | Requirements for ECG (done by all members) | HS, HJM, DS, JB | HS, HJM, DS, JB: Requirements are collectively done by all members. We have gone over all of them and they look good.  (27/11/18) |  | YES |
| **11.** | FSM – Main Menu | DS, JB, HJM | JB: Looks good, right amount of detail.  (26/11/18)  HJM: Looking good. (27/11/18)  DS: Its fine. (27/11/18) |  | YES |
| **12.** | FSM – Options Menu | DS, JB, HJM | JB: Looks fine.  (26/11/18)  HJM: Looking good. (27/11/18)  DS: Its fine. (27/11/18) |  | YES |
| **13.** | FSM – User profile Menu | DS, JB, HJM | JB: Looks fine.  (26/11/18)  HJM: Looking good. (27/11/18)  DS: Its fine. (27/11/18) |  | YES |
| **14.** | ECG Activity - FSM | DS, JB, HJM | JB: Looks fine.  (26/11/18)  HJM: Looking good. (27/11/18)  DS: Its fine. (27/11/18) |  | YES |

# Harrison James Marcks

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|  | **Task** | **Reviewed By** | **Comments / Questions / Revision Requests** | **Revision Made** | **Complete** |
| **1.** | Requirements tidy up and codification | HS, DS, JB | HS: Everything seems to be nicely organised. (16/11/18)  DS: Requirements and code has been nice organised. Good job. (26/11/2018)  JB: All requirements are now tidied up. (26/11/2018) |  | YES |
| **2.** | Update to initial design | HS, DS, JB | HS: Once I designed, it need few aditions. Glad you have made them. Looks good now. (23/11/18)  DS: The design now looks complete. (26/11/2018)  JB: Design looks good now as missing parts are added. (26/11/2018) |  | YES |
| **3.** | Human Interface AT | HS, DS, JB | HS: Seems to cover the list set out in requirements. (23/11/18)  DS: Looks good. Covers the requirements set up. (26/11/2018)  JB: It is completed. Good Job. (26/11/2018) |  | YES |
| **4.** | BPM Requirements | HS, DS, JB | HS: I think Laurence said that this needs to be separated from ECG requirements. When it is done, it should be fine. (16/11/18)  HS: I have separated the file for you and placed it in the BPM master document. (22/11/18)  HJM: Thank you.  (25/11/18)  DS: BPM requirements have been moved to the master BPM document. (25/11/18)  JB: Requirements have been moved to the correct place.  (25/11/18) |  | YES |
| **5.** | General tidying and initial standards | HS, DS, JB | HS: Standards document has been cleaned up as well as the rest of the file structure. (10/11/18)  DS: General tidying has been completed. New standard document looks good too. (10/11/2018)  JB: File structure has been cleaned. New standards document also looks good. (12/11/2018) |  | YES |
| **6.** | Collation of ATs into single useful document | HS, DS, JB | HS: Looks good. This is very useful to create the master ECG document (16/11/18)  DS: It’s good to see all acceptance tests in one location. Easy to follow. Good job. (10/11/2018)  JB: File is easy to follow and would make it easier to mark. (12/11/2018) |  | YES |
| **7.** | POST/Power AT | HS, DS, JB | HS: Wi-Fi and Bluetooth test may need to be removed as requested by Laurence. (16/11/18)  HJM: I have crossed out those acceptance tests. (17/11/18)  HS: Thank you. (18/11/18)  DS: After removing inclusion of Bluetooth and Wi-Fi checks, it looks good.(19/11/2018)  JB: It looks good and covers requirements. (19/11/2018) |  | YES |
| **8.** | FSM for buttons | HS, DS, JB | HS: Looks good. (18/11/18)  DS: Looking complete.(19/11/2018)  JB: It looks good. (19/11/2018) |  | YES |
| **9.** | Button handler framework (DEV) | HS, DS, JB | HS: This is development, not documentation but it is done. (20/11/18)  DS: Looking good although it should not be here.(20/11/2018)  JB: It looks good. (20/11/2018) |  | YES |
| **10.** | More additions to standards | HS, DS, JB | HS: Confirmed, looks more well rounded. (20/11/18)  JB: Looks good (20/11/18)  DS: This looks acceptable |  |  |
| **11.** | Added double click events | HS, DS, JB | HS: Good job, we can use this in our components. Would be nice to demo. (20/11/18)  JB: Useful addition (20/11/18)  DS: This is agreeable. (20/11/18) |  | YES |

# Jesse Batt

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|  | **Task** | **Reviewed By** | **Comments / Questions / Revision Requests** | **Revision Made** | **Complete** |
| **1.** | Menu AT | HS, DS, HJM | HS: Looks good. (20/11/2018)  DS: Fine. (20/11/2018)  HJM: All good. (20/11/2018) | N/A | YES |
| **2.** | Data Handling AT | HS, DS, HJM | HS: There seems to be a typo on the second data handling test. (16/11/18)  HJM: All fine except for @HS’s comment. (20/11/2018)  DS: Agreed. (20/11/2018)  JB: FIXED (21/11/18) | YES | YES |
| **3.** | LLSD - Main Menu | HS, DS, HJM | HS: Concise enough. (23/11/2018)  DS: All fine. (23/11/2018)  HJM: Good. (23/11/2018) |  | YES |
| **4** | LLSD - ECG Activity | HS, DS, HJM | HJM: Looks good. (23/11/2018)  DS: No changes needed. (23/11/2018)  HS: Good. (23/11/2018) |  | YES |
| **5** | LLSD - Options Menu | HS, DS, HJM | HS: All good, the options could change but fine.  (23/11/2018)  DS: Agreed with HS, all fine.  (23/11/2018)  HJM: Looks good. (23/11/2018) |  | YES |
| **6** | LLSD - User Data Menu | HS, DS, HJM | DS: Looks good. (23/11/2018)  HS: Flows and makes sense. (23/11/2018)  HJM: Might revisit the data parameters but for now it’s all good. (23/11/2018) |  | YES |
| **7** | LLSD - Data Handling | HS, DS, HJM | HS: Simple but detail is appropriate. (24/11/2018)  DS: Looks ok. (24/11/2018)  HJM: All fine. (23/11/2018) |  | YES |

# Dan Steer

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|  | **Task** | **Reviewed By** | **Comments / Questions / Revision Requests** | **Revision Made** | **Complete** |
| **1.** | AT: Interfacing Between Devices | HS, HM, JB | JB: Most of the acceptance tests won’t be used. The ones that will be used are fine.  (07/11/18)  HJM: Some of the tests are irrelevant, but this is to be expected when using agnostic requirements. (07/11/18)  HS: It’s fine, but the hardware doesn’t reflect some of the acceptance tests (07/11/18) |  | YES |
| **2.** | AT: Database | HS, HM, JB | JB: This looks fine.  (07/11/18)  HJM: Simple tests to show multiple requirements are working (07/11/18)  HS: These tests nicely cover what they need to cover (07/11/18) |  | YES |
| **3.** | SDLL: USB | HS, HM, JB | JB: Simple but good  (15/11/18)  HJM: Satisfactory design for USB (15/11/18)  HS: Covers how we will be using the USB (15/11/18) |  | YES |
| **4.** | FSM: USB | HS, HM, JB | JB: It’s clear enough. Good  (15/11/18)  HJM: This is fine (15/11/18)  HS: Simple but effective. The design needs changing to match other FSM’s (15/11/18) | YES (revision made by HS) | YES |
| **5.** | SDLL: Database | HS, HM, JB | JB: Clear and covers the main functions of a database.  (26/11/18)  HJM: These designs look good. It will make coding this segment easier. (26/11/18)  HS: Shows how we will be interacting with the database. Good (26/11/18) |  | YES |
| **7.** | FSM - Database | HS, HM, JB | JB: All good, although greater line spacing would be nice.  (23/11/18)  HJM: This looks good (23/11/18)  HS: This design looks good (23/11/18) |  | YES |