

Inspect

Construction Iteration 4 Plan

1. Key milestones

| Milestone | Date |
|-------------------------------|----------|
| Iteration start | 26 Aug |
| UAT initial tests/Exploration | 27 Aug |
| UI/UX polish and refinement | Variable |
| Bug fixing | Variable |
| Unit and Integration testing | Variable |
| UAT confirmation tests | 10 Sep |
| Iteration stop | 10 Sep |

2. High-level objectives

| Objective | Criteria |
|-------------------------------|--|
| UAT initial tests/Exploration | Complete Initial Internal User Acceptance Testing for Create, Modify, Save a Template, and Complete Inspection Use Case(s). |
| UI/UX polish and refinement | Refine and polish UI and UX for Create, Modify, Save a Template, and Complete Inspection Use Case(s). |
| Bug fixing | Any bugs found are to be addressed following protocol laid out in MTP. |
| Unit and Integration testing | Complete necessary Unit and Integration Testing for changes made relating to Create, Modify, Save a Template, and Complete Inspection Use Case(s). |
| UAT confirmation tests | Complete Confirmation Internal User Acceptance Testing for Create, Modify, Save a Template, and Complete Inspection Use Case(s). |

3. Work Item assignments

The following Work Items will be addressed in this iteration:

| Work Item ID | Name or keywords of description | Outcome | State | Assigned to (Name) | Est. Hours | Hours Worked | Estimate of hours remaining |
|--------------|---|--|------------|---------------------------------------|------------------|--------------|-----------------------------|
| 1.0 | UI/UX polish and refinement | Refine and polish UI and UX for Create, Modify, Save a Template, complete inspection, File Sharing, PDF export, and Camera Use Case(s), | | Michael Jasmine Conrad Elias | 4 4 4 4 | | |
| 1.1 | Camera/Gallery option | Remove selection page after taking a photo (either take on spot or gallery) - Looking into option to remove gallery options | Incomplete | | | | |
| 1.2 | Default file location | Fix issue of user having the search through file system to find saved/completed templates in both edit/inspect mode | Complete | | | | |
| 1.2.1 | Implement File Directory. | Select a file directory, and attempt to implement from: https://android-arsenal.com/tag/35?sort=created | | | | | |
| 1.2.2* | Determined existing library had a known issue that disqualified it | | | Michael | | 1 | |
| 1.2.3* | Researching alternate libraries to replace current sections of the implementation + reviewed the library for Conrad's file share implementation to confirm it works on my own emulator/phone. | | | Elias | | 1.5 | |
| 1.2.4* | Look into new libraries to replace current | | | Jasmine | | 1 | |

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|--------|---|---|------------|---------|--|-----|--|
| 1.2.5* | Implemented new library to inspect and edit templates | https://github.com/Metho-dicalMadness/Inspect/commit/40216605916c7d278b1595adbfe68cd5320cd402 Including research, testing, and implementation | | Conrad | | 5 | |
| 1.2.6* | Look at issue affecting share manager | Unable to replicate error on my emulator. Laptop was refusing to recognised phone to test on the device | | Jasmine | | 0.5 | |
| 1.2.7* | Implemented new library to share | The reason there is “-NOT WORKING CORRECTLY” was due to a localised bug on my personal phone while testing. Works on other devices https://github.com/Metho-dicalMadness/Inspect/commit/4c3ca8734250ff2bb181f6db976113e15d5980f2 | | Conrad | | 3 | |
| 1.3 | Template complete page/button | Create a button to load an activity to save/preview/complete template in inspection and editor mode | Incomplete | | | | |
| 1.4 | Camera issues | Known camera issues directly related to inspector. | Complete | | | | |
| 1.4.1* | Icon and image ratio fixed | https://github.com/Metho-dicalMadness/Inspect/commit/7d50bb0960c38439e55099d4511dad1f9dac5ec6 | | Michael | | 5 | |
| 1.4.2* | Image uri's now save | | | | | | |
| 1.4.3* | Multiple discrete cameras now work. | | | | | | |
| 1.5.1* | Make background images for application | | | Jasmine | | 3 | |
| 1.5.2* | Implement backgrounds | May need to try with transparent background and make them anchor to points https://github.com/Metho-dicalMadness/Inspect/commit/df5fac97efbdecabc92a1b4ca1f845a72c7909b2 | | Jasmine | | 1 | |

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|------------|--|--|-------------|---------------------------------------|------------------|------------------|--|
| | | | | | | | |
| 1.5.3* | Attempt fix backgrounds | Transparent background created and implements (needs to be constrained) https://github.com/MethodicalMadness/Inspect/commit/aa88146ef5d62e1ea7969f5a6d1951e8ca1d1702 | | Jasmine | | 1 | |
| 2.0 | Documentation and Final product | Create user manuals, package application for distribution and create questionnaires/feedback sheets | | | | | |
| 2.1 | Create user manuals | | | | | | |
| 2.2 | Package application for distribution (APK) | | | | | | |
| 2.3 | Create questionnaires and feedback sheets | | | | | | |
| 3.0 | Testing | Complete necessary Unit and Integration Testing for changes and bug fixes. | Not started | Michael Jasmine Conrad Elias | | | |
| | Unit Test | | | | | | |
| | Integration Test | | | | | | |
| 4.0 | User Acceptance Testing: Confirmation Tests | Internal User Acceptance Testing for Create, Modify, and Save a Template Use Case(s) | | Michael Jasmine Conrad Elias | | | |
| 4.1 | UAT Scripts | Revised the current scripts for the User Acceptance Testing use cases of: create a template, modify template (adding/removing) elements, taking photo from gallery, saving template and sharing template. | Completed | Elias | | 2 | |
| 5.0 | Project Management | Individual tasks assigned, iteration plan, trello, team meetings | | Michael Jasmine Conrad Elias | 4 4 4 4 | | |
| 5.1 | Team / Oversight meeting | | | Michael Jasmine Conrad Elias | 2 2 2 2 | 2 2 2 2 | |

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|------------|---|--|-----------|---------------------------------------|------------------|------------------|--|
| 5.2 | Create Iteration Plan | | | Jasmine | 1 | 1 | |
| 5.3 | Complete Iteration plan. | | | Michael Jasmine Conrad Elias | 1 1 1 1 | 1.25 | |
| 6.0 | Finalise all work items and upload to repo | All work items finalized and upload to repo. | Completed | Michael Jasmine Conrad Elias | 4 4 4 4 | | |
| 5.1 | Finalise iteration plan | | | Jasmine | | 1 | |
| 5.2 | PMAS Links | | | Jasmine | | 0.5 | |
| 6.0 | Blog | | Completed | Michael Jasmine Conrad Elias | 1 1 1 1 | 1 1 1 1 | |

4. Issues

| Issue | Status | Notes |
|---|--------|---|
| Everything that was intended to be completed wasn't | Orange | Additional iteration taken to complete manuals properly |

5. Assessment

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|-------------------|--|
| Assessment target | Complete all Objectives by the end of iteration. |
| Assessment date | 10/09/2019 |
| Participants | All |
| Project status | Orange |

- **Assessment against objectives**

UAT initial tests/Exploration - Complete
UI/UX polish and refinement - Fail
Bug fixing - Fail
Documentation and Final product - Failed
Unit and Integration testing - Fail
UAT confirmation tests - Pass

- **Work Items: Planned compared to actually completed**

Items were not completed and an additional iteration is going to be taken to iron out all the problems properly and give us more time to focus on the

- **Assessment against Evaluation Criteria Test results**

UAT initial tests/Exploration - Complete
UI/UX polish and refinement - Minor fixes to be made
Bug fixing - In progress
Documentation and Final product - UAT done, manual just needs to be completed and formatted
Unit and Integration testing - Not started
UAT confirmation tests - Revised current scripts

- **Other concerns and deviations**

A lot of work has to be done in the additional iteration to complete required goals