Binary Giant - Inspect
Use-Case: Create Template

1. Brief Description

1.1. When the User wishes to create a template for the Inspect app, the User will be able to create custom named text, check, or picture fields to be used in the inspection.
The User may then save the template for repeated use.

2. Actor Brief Descriptions

2.1. Android device - Device that hosts Android application.
2.2. User - Creates template on Android device.

3. Preconditions

3.1. Inspect has been installed and set up on Android device.

4. Normal Flow of Events

4.1. The use case begins when the user opts to create a new template for use within the Inspect application.
4.2. The User decides on their desired elements and modules to be used in their custom template and imports them into the new template.
4.3. Once completed, the User confirms they have finished creating the template.
4.4. The template is “Saved As” to the device.

5. Alternative Flows

5.1. The template is not saved to the device but is used as a once-off
5.1.1. The template was created for a singular non-repeatable inspection and is used immediately
5.2. The template is discarded
5.2.1. All customizations made to the template are disregarded and nothing is saved to Inspect

6. Key Scenarios

6.1. The template is saved and used.
6.2. The template is saved and not used.
6.3. The template is discarded before saving.

7. Post-Conditions

7.1. The User has decided to use the template immediately for an inspection.
7.2. The created template has been discarded and deleted from the Android device.

Binary Giant - Inspect
Use-Case: Edit Saved Template

1. Brief Description

1.1. When the User wants to edit a template that has become obsolete due to change in policies or inspection site information, is out of date, or a new template is to be created from an already existing template.

2. Actor Brief Descriptions

2.1. Android device - Device that hosts Android application.
2.2. User - Creates template on Android device.

3. Preconditions

3.1. Inspect has been installed and set up on Android device.
3.2. Inspect has a minimum of 1 template saved in the Inspect application.

4. Normal Flow of Events

4.1. The use case begins when the user opens the Inspect application and selects a template to edit.
4.2. Once the template has loaded, the User is to make any adjustments, additions, or subtractions to the template.
4.3. The template is saved to the device.

5. Alternative Flows

5.1. The template is saved as a new template using the “Save As” option.
5.1.1. The Inspect application asks the User for a name for the new template.
5.2. The template changes are discarded.
5.2.1. All changes are reverted to the templates last save state.

6. Key Scenarios

6.1. The template is saved.
6.2. The template is loaded.
6.3. The template is saved as a new template.

7. Post-Conditions

7.1. The User has edited a template and saved it to the device.
7.2. The User has used a template to create a new template under a new name with the “Save As” option.
7.3. The User has discarded all changes made to the template.

Binary Giant - Inspect
Use-Case: Perform Inspection

1. Brief Description

1.1. When the User is to perform an inspection with the Inspect application.

2. Actor Brief Descriptions

2.1. Android device - Device that hosts Android application
2.2. Inspector – Uses the Android device to perform Inspection requirements
2.3. Client – Party being inspected

3. Preconditions

3.1. Inspect has been installed and set up on Android device
3.2. A template has been selected for use in an inspection

4. Normal Flow of Events

4.1. The use case begins when the Inspector is ready to begin inspection
4.2. User goes through Inspection checklist and Invokes Sub Flows 6.1 and 6.2 where required.
4.3. Inspection is completed and Inspector exports report to PDF

5. Alternative Flows

5.1. The inspection report is emailed to a client as requested

6. Sub Flows

6.1. Inspector requires a photo

6.1.1. The Inspector selects the camera option where available to insert a photo for a specific section of the inspection to illustrate an inspected item's quality relative to the inspection requirements.
6.1.2. The Inspector can crop the photo after it has been taken to better outline the desired focus of the photo
6.1.3. The Inspector can annotate the photo and/or add a note as described in Sub Flow 6.2
6.1.4. Sub Flow 6.1 is complete

6.2. Inspector requires to take an additional note

1.2.1. The Inspector selects an element to add an additional text note to give additional information.
1.2.2. Sub Flow 6.2 is complete

7. Key Scenarios

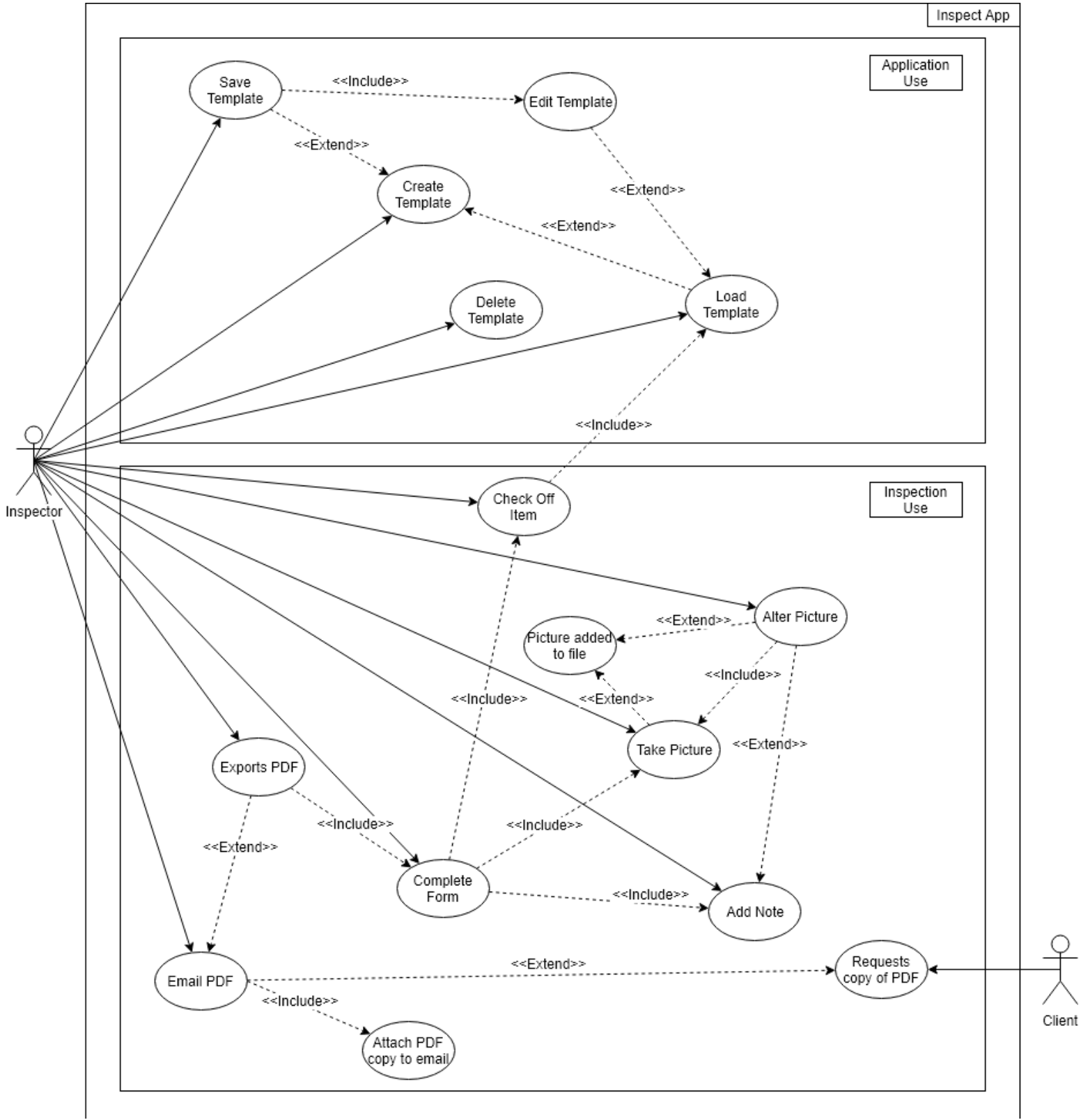
7.1. Inspection is complete, and Client does not request a copy of the report
7.2. Inspection is complete, and Client requests a copy of the report

8. Post-Conditions

8.1. The Inspector has successfully performed the inspection with the Inspect app, with all required fields filled in.

8.2. The Inspector has also emailed a PDF copy of the report to the Client

https://drive.google.com/open?id=14gOIvjys-wO9WE8N3D0YIL9iAaCve8ad



Use Case 1	Complete Inspection
Actor	Inspector
Flow	Client goes to site to perform inspection as scheduled. The application loads up, the user selects their template for the inspection and begins the inspection. Marking items off when available.

Use Case 2	Take photo for inspection
Actor	Inspector
Flow	During the inspection, the inspector notices something that requires visual documentation. They use the application to take a photo to attach to the inspection end result.

Use Case 3	Save inspection
Actor	Inspector
Flow	The inspector has to pause the inspection so they select to save the inspection in its currently unfinished state.

Use Case 4	Load inspection
Actor	Inspector
Flow	The inspector is ready to resume the inspection. They navigate to file manager and select to load in to a template and select their in progress template

Use Case 5	Export to PDF
Actor	Inspector
Flow	The inspector has completed the inspection successfully. Once the inspection is

	completed they have the option to export to PDF and share the file via the Android share function