

Table of Contents

Script 1: Create and Save a Template	3
Script 2: Load Template	13
Script 3: Completing an Inspection	15
Script 4: Share a File	18
Script 5: Adding Photo to Inspection	20
Script 6: Add a Page with No Content on Page - Bug	26
Script 7: Rotating the Device - Bug	29

Script 1: Create and Save a Template

Description

Use application to create a template that can be later edited, preview the template and then save it.

Requirements

- Permissions for Camera and Storage allowed
- API above 22


Setup



1. Load up emulator (Pixel 2 with API 26)
2. Load inspection application from application



Teardown



Steps should result in the file being saved



Steps



Step	Test Action	System Action	Pass/Fail
1.	Select "File Manager"	Opens application screen to create templates and manage files	<div>P</div>



2.	Select "Create New Template"	Load text fields to name file	<p>P</p> 
3.	Leave default name of "NewTemplate" and Select green "+"	Load screen to create template	<p>P</p> 



4.	Select "Add Heading"	Text field loads to input a heading	<p>P</p> 
5.	Deleted "HEADING" and input "Inspection"	Allow user to input new heading	<p>P</p> 


6.	Select "Add Short Q"	Have editable fields load which user can change	<p>P</p> 
7.	Input "Question 1" into label text field	Allow text field to say "Questions 1"	<p>P</p> 


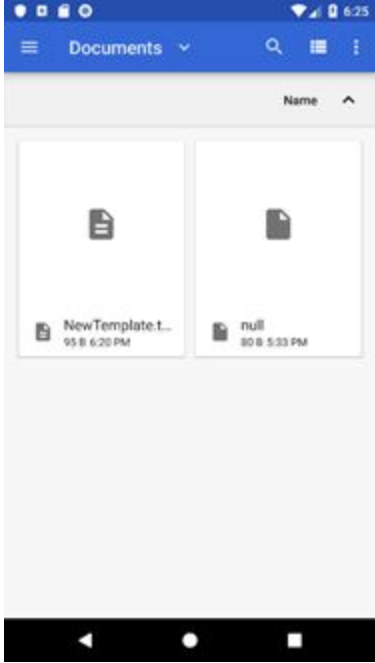
8.	Scroll over screen and select "Add Camera"	Camera logo added which allows user to load a photo in.	<p>P</p>  <p>The screenshot shows the 'Inspect' screen with a teal header. Below the header, there are four buttons: 'ADD SHORT Q', 'ADD LONG Q', 'ADD SPACE', and 'ADD CAMERA'. The 'ADD CAMERA' button is highlighted. Below these buttons are 'BACK', 'SAVE', and 'PREVIEW PDF' buttons. At the bottom, there is a keyboard with a 'Request Camera Added' message.</p>
9.	Scroll screen back and select "Add Long Q"	Load two text fields, one for question other for answer	<p>P</p>  <p>The screenshot shows the 'Inspect' screen with a teal header. Below the header, there are four buttons: 'ADD SHORT Q', 'ADD LONG Q', 'ADD SPACE', and 'ADD CAMERA'. The 'ADD LONG Q' button is highlighted. Below these buttons are 'BACK', 'SAVE', and 'PREVIEW PDF' buttons. At the bottom, there is a keyboard with a 'Long Query Added' message.</p>

10.	Remove text "Question?" and change to "New Questions 2?"	Allow user to change text in text field	<p>P</p> 
11.	Select "Add Page"	Toast showing that new page has been added should appear	<p>P</p> 

12.	Select "Add Heading"	Text field appears with "HEADING" in the text field	<p>P</p> 
13.	Remove "HEADING" from text field and input "Page 2"	Text field should say "Page 2"	<p>P</p> 

14.	Scroll over and select “Add space”	Space should be added below “Page 2” text field	<p>P</p>  <p>The screenshot shows a mobile application interface. At the top, there's a green header with the word 'Inspect'. Below it, there's a text field containing 'Page 2'. A red cursor is positioned at the end of the text. Below the text field, there are four buttons: 'ADD PAGE', 'ADD HEADING', 'ADD SHORT Q', and 'ADD LONG Q'. A keyboard is visible at the bottom, with the 'Add space' button highlighted in blue. The status bar at the top shows the time as 6:19.</p>
15.	Scroll down and select “Preview PDF”	Should load print screen with two pages	<p>P</p>  <p>The screenshot shows a mobile application interface for printing. At the top, there's a dark header with the text 'Select a printer'. Below it, there's a section for 'Copies: 1' and 'Paper size: Letter'. The main content area shows a preview of two pages. The first page is labeled 'Answer' and the second page is labeled 'Page 2'. A progress indicator at the bottom of the preview shows '1/2' with a green checkmark. The status bar at the top shows the time as 6:20.</p>

16.	Select back button (◀) to go back to template	Template should be still there as we left it.	<p>P</p> 
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17.	Select "Save"	Save the file to phone, toast saying "saved" pops up	<p>P</p>  <p>(Confirmed through checking files)</p> 
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Script 2: Load Template

Description

Inspector loads a previously saved template

Requirements

- A template has been previously saved
- Permissions for Camera and Storage allowed
- API above 22


Setup

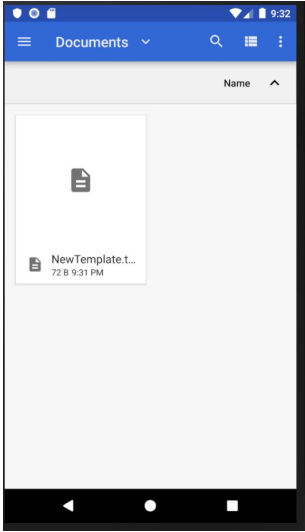
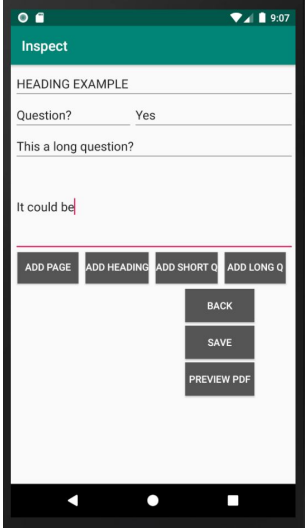
1. Load up emulator
2. The inspector opens the app

Teardown

None

Steps

Step	Test Action	System Action	Pass/Fail
1.	Selects file manager	Opens new activity in the file manager	P 

2.	Select load template for inspect	Opens SAF to select template to load	P 
3.	Select template to load	SAF loads template	P 

Script 3: Completing an Inspection

Description

User wishes to rotate app to be landscape view instead of portrait during an inspection

Requirements

- An inspection is already in progress with data has been added
- Permissions for Camera and Storage allowed
- API above 22

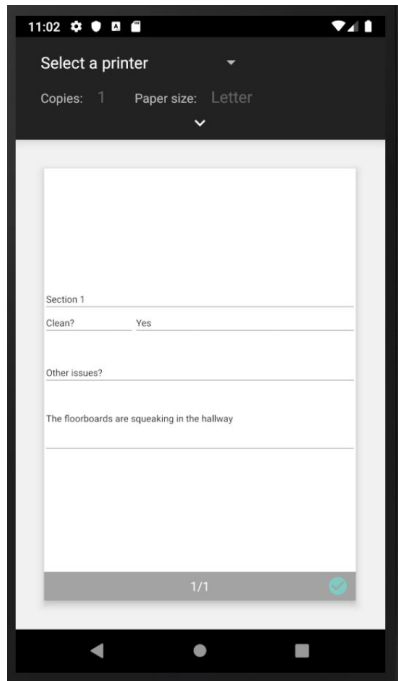
Setup

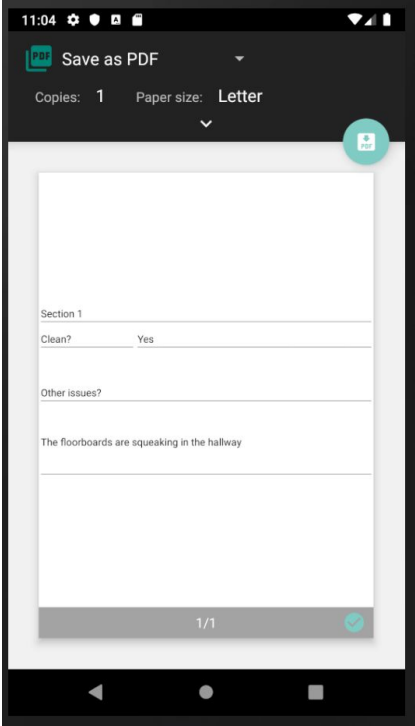
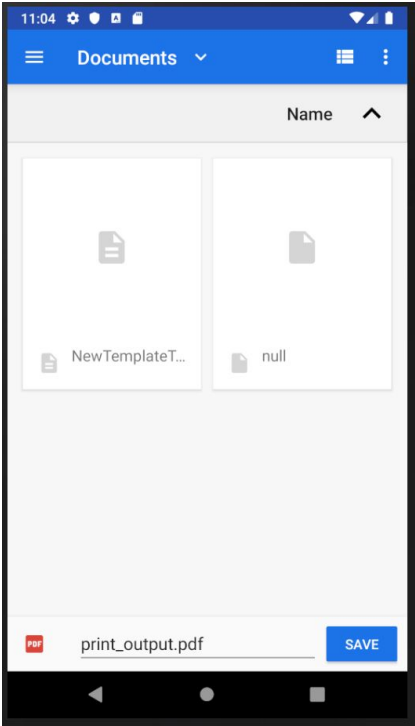
1. Load up emulator
2. The inspector opens the app
3. The inspector begins an inspection

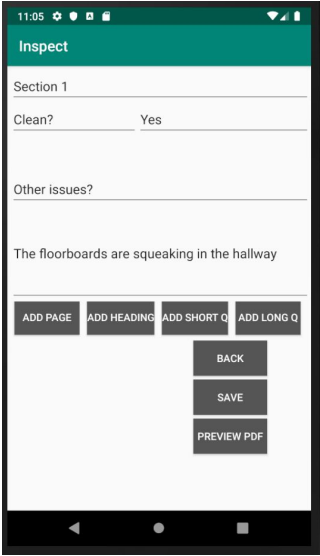
Teardown

None

Steps

Step	Test Action	System Action	Pass/Fail
1.	Select Preview PDF	Shows the activity for the PDF export	P 

2.	Dropdown box "Select a printer" Select "Save as PDF"	System selects the Save as PDF option	<p>P</p> 
3.	Confirm name of output and location	Application saves to the proper location	<p>P</p> 

4.	Save the PDF file	Screen returns to the inspection form	P 
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Script 4: Share a File

Description

The inspector chooses to share a file created from the application

Requirements

- An inspection has already been completed
- Data has been saved to the device
- API above 22

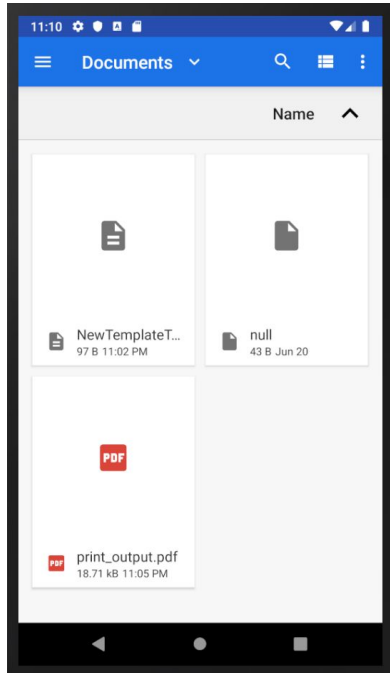
Setup

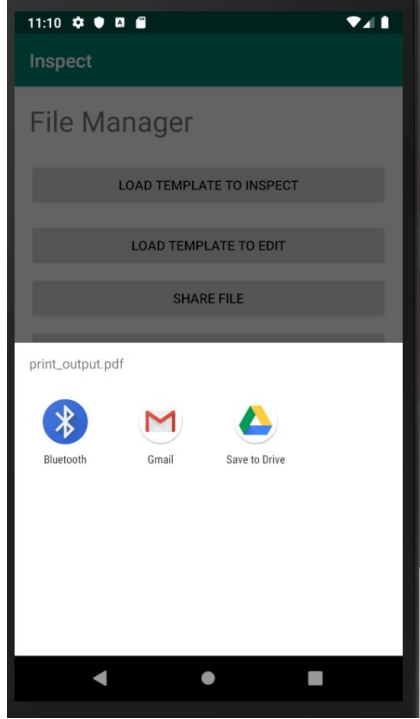
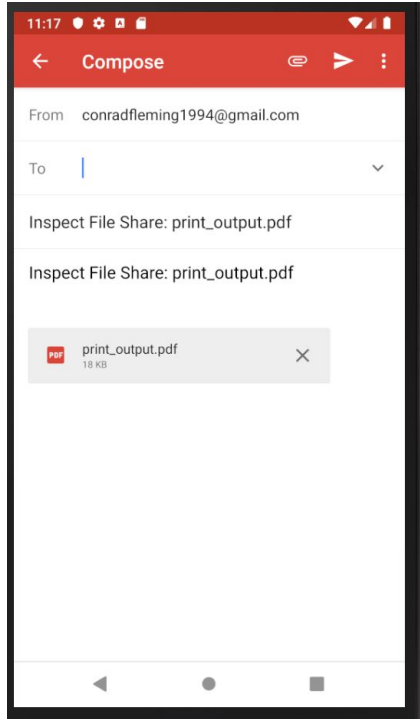
1. Load up emulator
2. The inspector has finished an inspection and has the app open post-save

Teardown

None

Steps

Step	Test Action	System Action	Pass/Fail
1.	Select Share file	Opens the SAF view for the user to select the file to share	P 

2.	Select the file to share	Prompts the user with the built in Android share function	P 
	Select the Gmail/Email option	User will have the new email option show up with the selected file attached	P 

Script 5: Adding Photo to Inspection

Description

User adds an image into the inspection from camera and gallery

Requirements

- An inspection is already in progress with photo field
- API above 22


Setup



1. Load up emulator
2. The inspector opens the app
3. The inspector begins an inspection

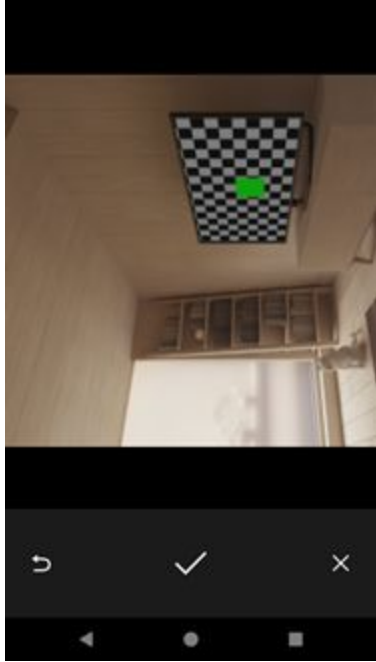
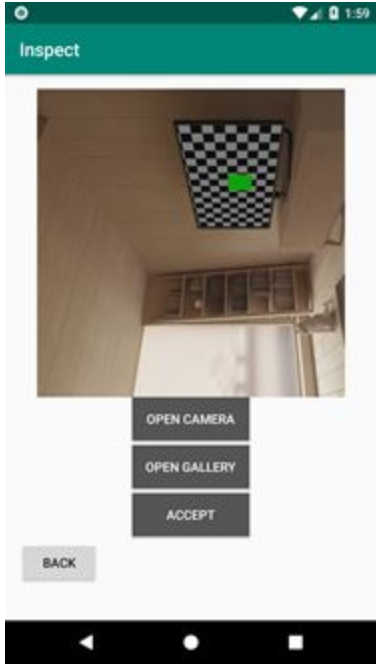
Teardown

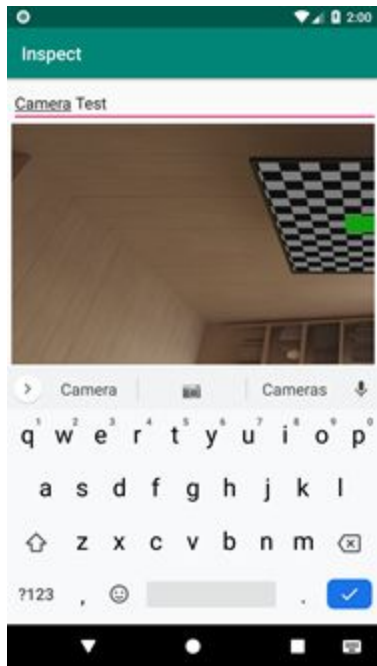
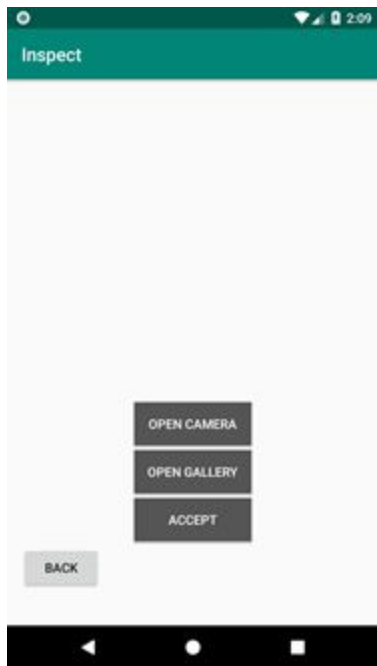
None

Steps

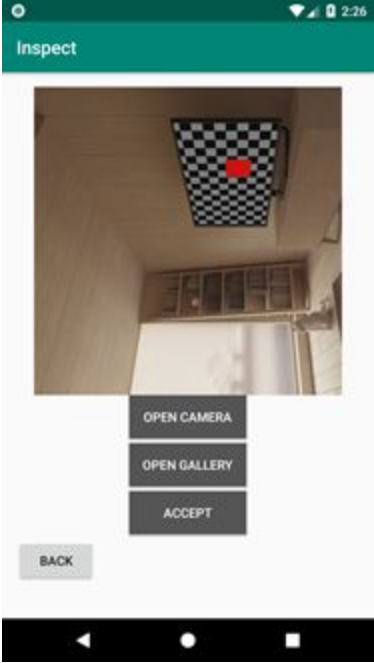

Step	Test Action	System Action	Pass/Fail
1.	Inspection in progress with camera input option available	Screen with inspection objects opened	<p>P</p> 

2.	Select camera Icon	Load screen to add an image or take photo	<p>P</p> 
3.	Select open camera	Load up emulators camera	<p>P</p> 

4.	Select camera icon to take photo	Show image taken	<p>P</p> 
5.	Select tick icon to confirm photo	Show load image into app screen	<p>P</p> 

6.	Select accept	Image should show in inspection	<p>P</p> 
7.	Click on image	Should load up blank photo manager page	<p>P</p> 

8.	Select Open Gallery	Gallery options with photos should load	 <p>The screenshot shows a mobile gallery application interface. At the top, there's a status bar with the letter 'P', a circular icon, and the time 2:20. Below the status bar is a header with a back arrow and the text 'Select a photo'. Underneath, there's a section titled 'DEVICE FOLDERS'. A folder named 'Camera' is listed with a thumbnail icon and the text '2 items'. At the bottom, there are three navigation icons: a left arrow, a circle, and a square.</p>
9.	Select Camera folder	Opens up to images on phone	 <p>The screenshot shows the same mobile gallery application interface. The status bar at the top shows the letter 'P', a circular icon, and the time 2:25. The header still says 'Select a photo' but with a close 'X' icon instead of a back arrow. Below the header, there's a date separator 'Thursday'. Underneath, two photo thumbnails are displayed side-by-side. At the bottom, there's a search icon in a circle, and below that, three navigation icons: a left arrow, a circle, and a square.</p>

10.	Select Photo	Loads photo into photo manager menu	<div>P</div> 
11.	Select Accept	Image should appear in inspection	

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Script 6: Add a Page with No Content on Page - Bug

Description

Use application to create a template, if a page is added with no content bug occurs when previewing

Requirements

- Permissions for Camera and Storage allowed
- API above 22

Setup



1. Load up emulator (Pixel 2 with API 26)
2. Select "File Manager"
3. Select "Create Template"
4. Select the green "+" sign

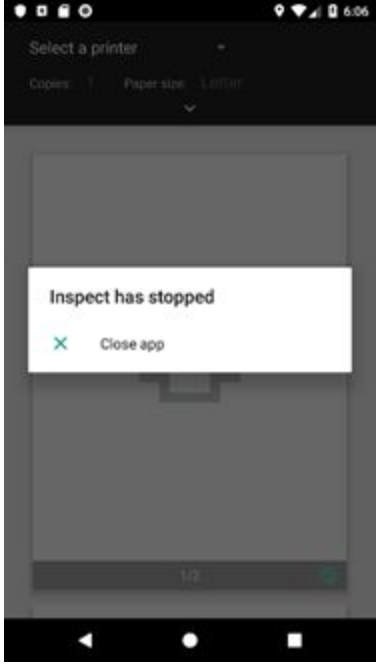
Teardown

None

Steps

Step	Test Action	System Action	Pass/Fail
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1.	Select "Start Inspection"	Opens application screen to create template.	<p>P</p> 
2.	Add Page	Toast pops up confirming added page	<p>P</p> 

3.	Select "Preview PDF"	Show printer setting for PDF	F – App crashes 
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Script 7: Rotating the Device - Bug

Description

User wishes to rotate app to be landscape view instead of portrait during an inspection

Requirements

- An inspection is already in progress
- Data has been added
- API above 22

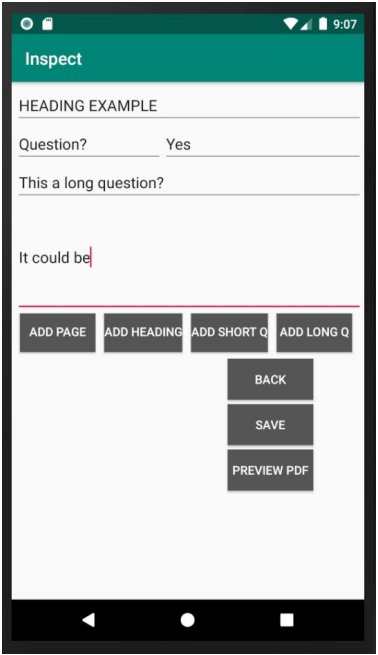
Setup

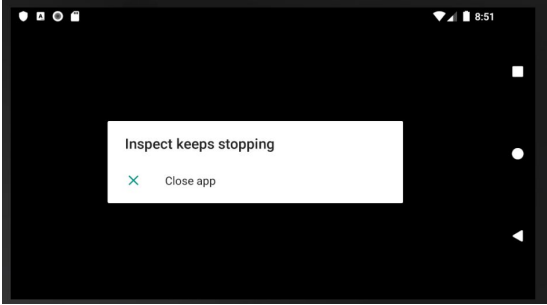
4. Load up emulator
5. The inspector opens the app
6. The inspector begins an inspection

Teardown

None

Steps

Step	Test Action	System Action	Pass/Fail
1.	Select start an inspection	Changes activity to a template	P 

2.	Rotate screen	Screen rotates Data is kept in their elements correctly	F 
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