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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	<div>P</div> 
3.	Leave default name of "NewTemplate" and Select green "+"	Load screen to create template	<div>P</div> 



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> 


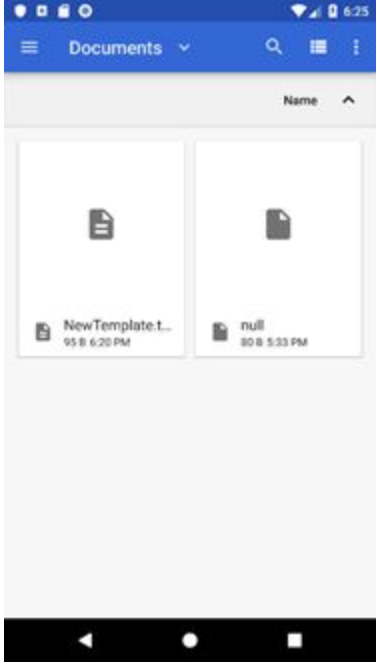
8.	Scroll over screen and select "Add Camera"	Camera logo added which allows user to load a photo in.	<p>P</p> 
9.	Scroll screen back and select "Add Long Q"	Load two text fields, one for question other for answer	<p>P</p> 

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 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

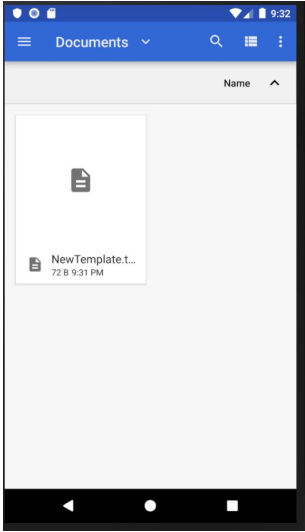
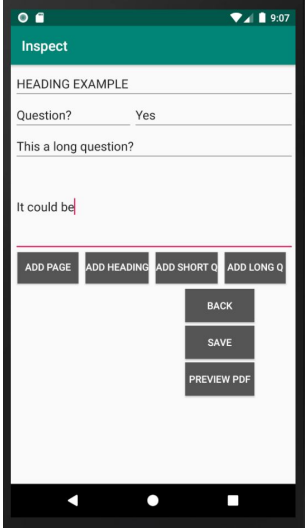
1. Load up emulator
2. The inspector opens the app

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

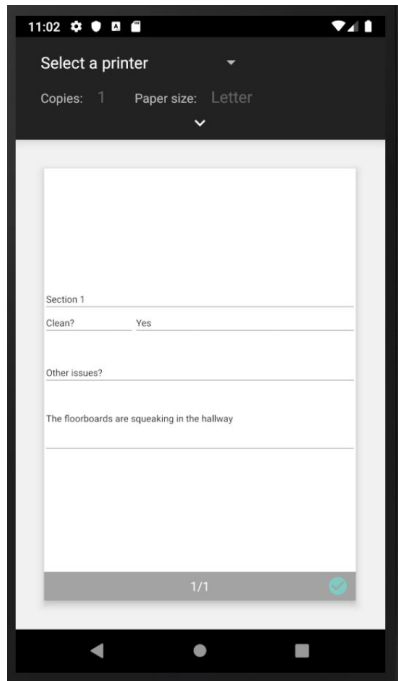
Setup

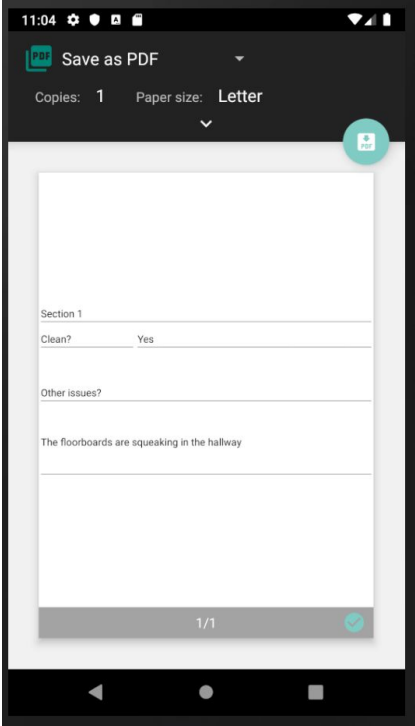
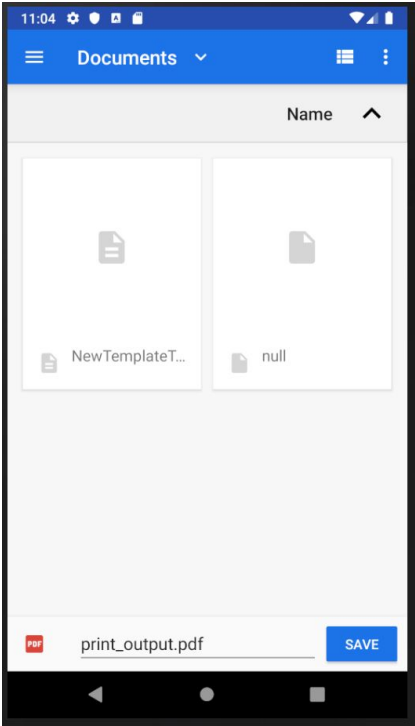
1. Load up emulator
2. The inspector opens the app
3. The inspector begins an inspection

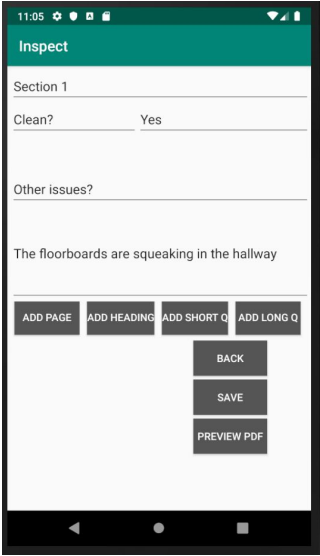
Teardown

None

Steps

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

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

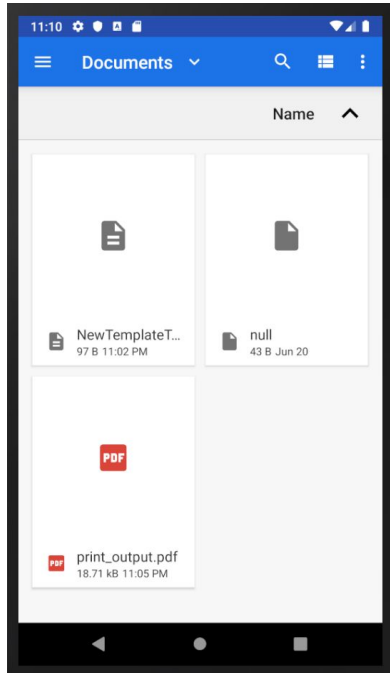
Setup

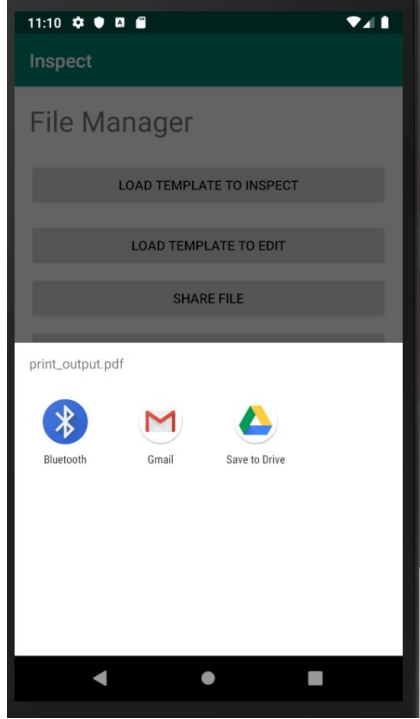
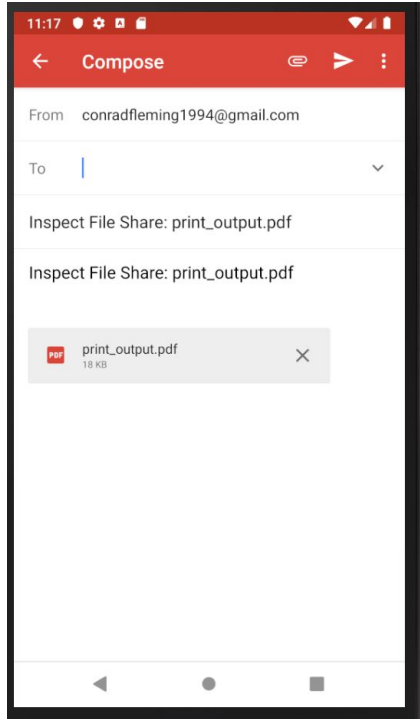
1. Load up emulator
2. The inspector has finished an inspection and has the app open post-save

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


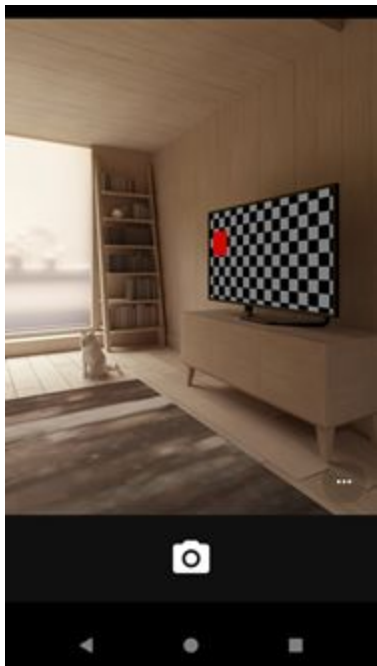
1. Load up emulator
2. The inspector opens the app
3. The inspector begins an inspection

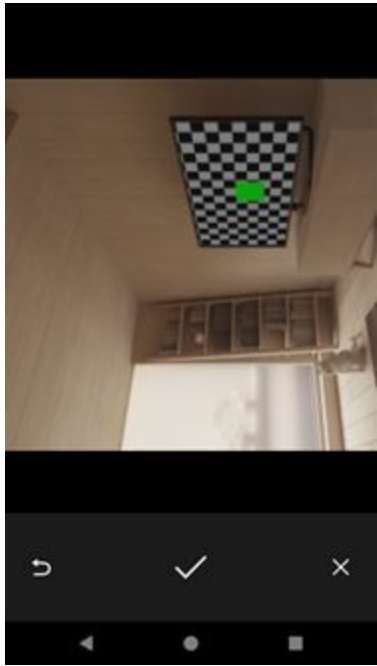
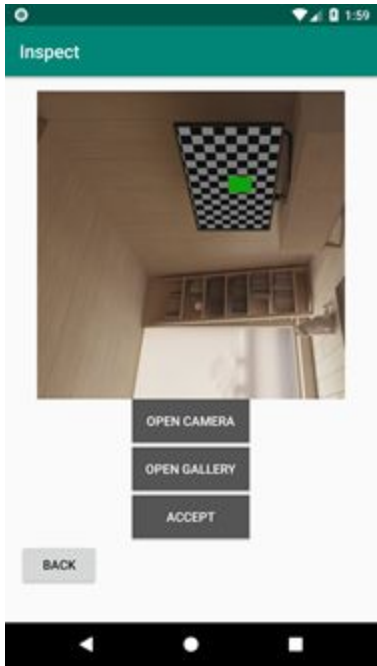
Teardown

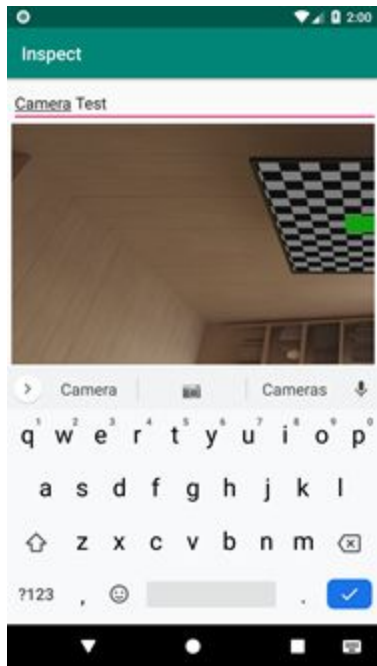
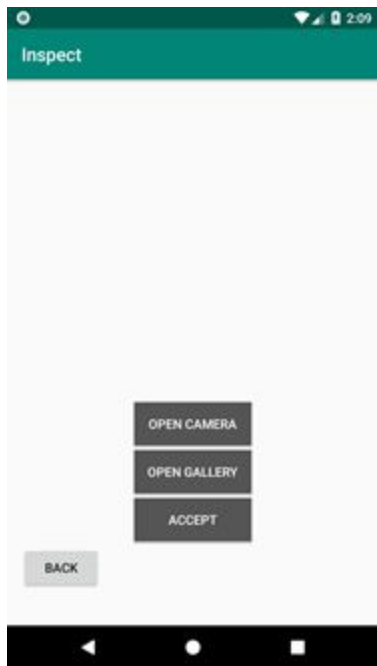
None

Steps

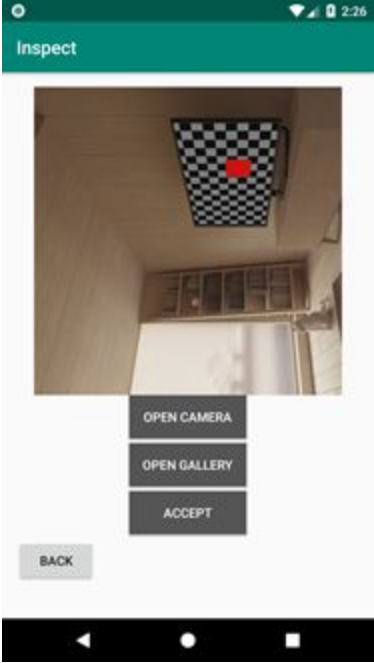

Step	Test Action	System Action	Pass/Fail
1.	Inspection in progress with camera input option available	Screen with inspection objects opened	<p>P</p> 

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	
9.	Select Camera folder	Opens up to images on phone	

10.	Select Photo	Loads photo into photo manager menu	<p>P</p> 
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

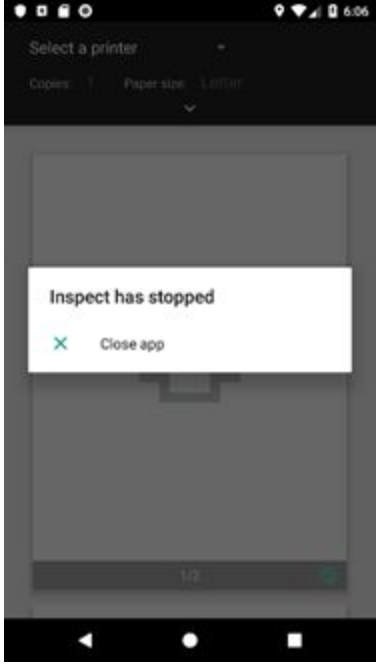
Teardown

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	<p>F – App crashes</p> 
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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

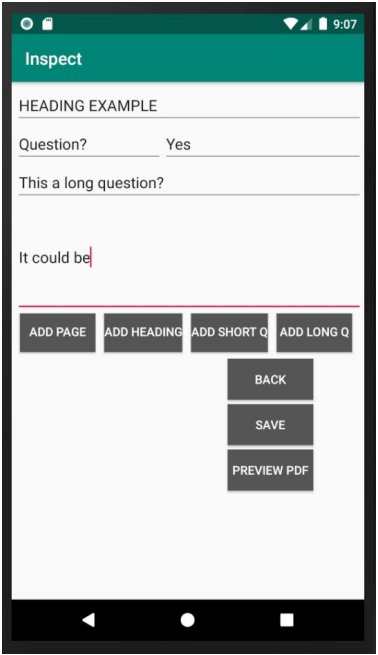
Setup

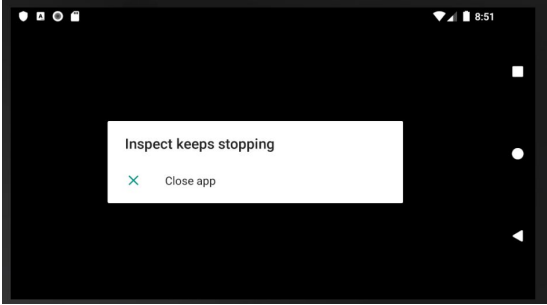
4. Load up emulator
5. The inspector opens the app
6. The inspector begins an inspection

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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