## Project 1 Part 1 System Test Plan

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Date: 9/28/2023

### Introduction

These are 8 tests that ensure Project 1 is working properly. These tests cover all of Project 1's use cases at a system level, along with error checking.

To start the ProductBacklog application:

- 1. Open eclipse on your computer and open the Project1 project file in the package explorer
- 2. Navigate into the src/ folder and right-click on the edu.ncsu.csc216.product\_backlog.view.ui package
- 3. In the resulting menu, expand the "Run as" tab and click on Java Application
- 4. The Program will open

**Test Files** 

tasks1.txt

## # Shopping Cart Simulation

- \* 1,Backlog,Express Carts,F,jep,unowned,false
- [Backlog] Express carts always choose the shortest line. If there are multiple shortest lines, an express cart chooses the one with the smallest index.
- \* 2,Owned,Regular Carts,F,jep,sesmith5,false
- [Backlog] Regular carts always choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.
- [Owned] Adding to sesmith5 backlog.
- \* 3,Processing,Java Swing,KA,sesmith5,sesmith5,false
- [Backlog] Learn more about Swing to debug GUI.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at http://docs.oracle.com/javase/tutorial/uiswing/start/.

If there are multiple shortest special register lines, a special cart

chooses one with the smallest index.

- \* 10, Rejected, Flatbed carts, F, jep, unowned, false
- [Backlog] Add flatbed carts to simulation.
- [Rejected] Rejected. Flatbed carts won't fit through physical register stations.

#### # WolfScheduler

- \* 2, Rejected, Weekly Repeat, F, sesmith 5, unowned, false
- [Backlog] Events should have a weekly repeat of every 1, 2, 3, or 4 weeks.
- [Rejected] Weekly repeat is unnecessary when creating ideal week.
- \* 6, Done, Add Course, F, sesmith 5, jctetter, true
- [Backlog] Users can add courses to their schedule.
- [Owned] Assigning to jctetter.
- [Processing] Creating Course class.
- [Processing] Adding error checking on course name.
- [Processing] Adding tests for Course.
- [Verifying] Request peer review.
- [Done] Updates meet requirements and test pass.

## exp\_task\_backlog.txt

### # Product

- \* 1,Backlog,title1,B,creator1,unowned,false
- [Backlog] note1
- \* 2,Backlog,title2,F,creator2,unowned,false
- [Backlog] note2
- \* 3,Backlog,title3,KA,creator3,unowned,false
- [Backlog] note3

#### # A Product

- \* 1,Backlog,title01,TW,creator01,unowned,false
- [Backlog] note01
- \* 2,Backlog,title02,F,creator02,unowned,false
- [Backlog] note02

#### tasks16.txt

### # Shopping Cart Simulation

- \* 1,Backlog,Express Carts,F,jep,owner,false
- [Backlog] Express carts always choose the shortest line. If there are multiple shortest lines, an express cart chooses the one with the smallest index.

#### tasks17.txt

## # Shopping Cart Simulation

- \* 2,Owned,Regular Carts,F,jep,unowned,false
- [Backlog] Regular carts always choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.
- [Owned] Adding to sesmith5 backlog.

#### tasks18.txt

## # Shopping Cart Simulation

- \* 3,Processing,Java Swing,KA,sesmith5,unowned,false
- [Backlog] Learn more about Swing to debug GUI.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at http://docs.oracle.com/javase/tutorial/uiswing/start/.

#### tasks19.txt

## # Shopping Cart Simulation

- \* 5, Verifying, Calculating Wait Time, B, jdyoung 2, unowned, false
- [Backlog] Special carts are failing system tests associated with wait time.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Replicated failure locally in unit test.
- [Verifying] Implementation complete. Requires peer inspection.

#### tasks20.txt

# Shopping Cart Simulation

- \* 8, Done, Special Carts, F, jep, unowned, true
- [Backlog] Special carts always choose the shortest special register line. If there are multiple shortest special register lines, a special cart chooses one with the smallest index.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Created hierarchy to prepare for other cart types.
- [Verifying] Implementation complete. Requires peer inspection.
- [Done] No problems found during inspection.

### tasks21.txt

- # Shopping Cart Simulation
- \* 10,Rejected,Flatbed carts,F,jep,owner,false
- [Backlog] Add flatbed carts to simulation.
- [Owned] Rejected. Flatbed carts won't fit through physical register stations.

## **System Tests**

Test ID	Description	Expected Results	Actual Results	
Test 1: UC	Preconditions: None	The GUI opens and displays the	The GUI opens and displays the	
0/1/3/7/8		menu to load [UC1], save [UC2],	menu to load [UC1], save [UC2],	
	Run ProductBacklogGUI	and clear [UC3] system state and	and clear [UC3] system state and	
Start	2. Check Results	buttons to work with products (Add	buttons to work with products (Add	
ProductBacklog,	3. Click on "File" in top left of GUI, then	Product, Delete Product, and Edit	Product, Delete Product, and Edit	
Load Valid File,	click "Load"	Product)[UC4-7] and tasks (Add	Product)[UC4-7] and tasks (Add	
Clear System,	4. In the <b>Load Products</b> FileChooser	Task, Delete Task, and Edit	Task, Delete Task, and Edit	
Select Active	dialog select:	Task)[UC9-11](see Figure 2), and	Task)[UC9-11](see Figure 2), and	
Product,	test-files/exp_task_back	Provides a way to select Current	Provides a way to select Current	
List Tasks	log.txt	Product [UC7].	Product [UC7].	
	5. Select the drop down menu next to			
	Current Product and choose "A	The system displays the following in	The system displays the following in	
	Product".	the Task Table:	the Task Table:	
	6. Check Results			

	<ul> <li>7. Click "File" in the top left of the GUI, and then click "Clear"</li> <li>8. Check Results</li> <li>9. Close GUI</li> </ul>	<ul> <li>1, "Backlog", "Technical Work", "title01"</li> <li>2, "Backlog", "Feature", "title02"</li> <li>The task table and product section is empty. Every button except Add Product is unclickable.</li> </ul>	<ul> <li>1, "Backlog", "Technical Work", "title01"</li> <li>2, "Backlog", "Feature", "title02"</li> <li>The task table and product section is empty. Every button except Add Product is unclickable.</li> </ul>
Test 2: UC 4/5/ Add Product, Edit	<ol> <li>Run ProductBacklogGUI</li> <li>Click Add Product</li> <li>Enter Product name as: "Nerf"</li> </ol>	A dialog box with "Product Name?" has popped up and the field is filled with "Nerf"	A dialog box with "Product Name?" has popped up and the field is filled with "Nerf"
Product	<ul> <li>4. Check Results</li> <li>5. Click OK</li> <li>6. Check Results</li> <li>7. Click Edit Product</li> </ul>	The Product is now "Nerf", task table is empty.	The Product is now "Nerf", task table is empty.
	8. Enter Product name as:  "NerfOrNothing"  9. Check Results  10. Click <b>OK</b>	A dialog box with "Update Product Name?" has popped up and the field is filled with "NerfOrNothing"	A dialog box with "Update Product Name?" has popped up and the field is filled with "NerfOrNothing"
	<ul><li>11. Check Results</li><li>12. Select "NerfOrNothing" in the product menu if not already selected</li></ul>	The Product is now named: "NerfOrNothing"	The Product is now named: "NerfOrNothing"
	13. Check Results	Task table is empty	Task table is empty
Test 3: UC 9/10	Preconditions: Test 1 & 2  1. Run ProductBacklogGUI	A Task input dialog comes up with Product, Title, Task Type, Task	A Task input dialog comes up with Product, Title, Task Type, Task
Add a Task, Delete	2. Click Add Task	Creator, and Task Notes fields	Creator, and Task Notes fields
a Task.	<ul><li>3. Check Results</li><li>4. Enter Title: "Cookie", Task Type: Bug, Task Creator: "Rohit", Task Notes: "none"</li></ul>	There is one task listed: Task ID: 1, Task State: Backlog, Task Feature: Bug, Task Title: Cookie	There is one task listed: Task ID: 1, Task State: Backlog, Task Feature: Bug, Task Title: Cookie
	<ul><li>5. Click Add Task to Backlog</li><li>6. Check Results</li></ul>	Task Table is now empty	Task Table is now empty

	<ul> <li>7. Select Cookie task if not already selected</li> <li>8. Click <b>Delete Task</b></li> <li>9. Chack Passults</li> </ul>		
Test 4: UC 11/12/13/14  Edit a Task, Edit Task in Backlog State, Edit task in Owned State, Edit Task in processing state	9. Check Results Preconditions: None  1. Run ProductBacklogGUI 2. Click on "File" in top left of GUI, the click "Load" 3. In the Load Course Catalog FileChooser dialog select: test-files/exp_task_backlog.txt 4. Click Task with ID: 1 5. Click Edit Task 6. Check Results 7. Enter "Rohit" into the Owner section. Note: Claimed By Rohit 8. Click Claim Task 9. Check Results 10. Click Task with ID: 2 11. Click Edit Task 12. Check Results 13. Add Note: "Nothing" 14. Click Process Task 15. Check Results 16. Click Task with ID: 3 17. Click Edit Task 18. Check Results 19. Add Note: - [Done] 20. Click Complete Task 21. Check Results	<ul> <li>Task State: Backlog</li> <li>Task creator: jep</li> <li>Task Type: unowned</li> <li>Task Type: Feature</li> <li>Notes: [Backlog]  Express carts always  choose the shortest  line. If there are  multiple shortest  lines, an express  cart chooses the one  with the smallest  index.</li> <li>The Task in the Task table should  now say: 1, "Owned", "Feature",  "Express Carts"</li> <li>The User Interface for Editing a  Owned task is shown.  Task Title: "Regular Carts"  Task Id: 2  Creator: jep  Owner: sesmith5  Task Type: Feature</li> </ul>	The User Interface for Editing a BackLog task is shown.  • Task Title: "Express Carts"  • Task Id: 1  • Task State: Backlog  • Task creator: jep  • Task Type: unowned  • Task Type: Feature  • Notes: [Backlog]  Express carts always choose the shortest line. If there are multiple shortest lines, an express cart chooses the one with the smallest index.  The Task in the Task table should now say: 1, "Owned", "Feature", "Express Carts"  The User Interface for Editing a Owned task is shown.  • Task Title: "Regular Carts"  • Task Id: 2  • Creator: jep  • Owner: sesmith5  • Task Type: Feature
		• Notes: - [Backlog] Regular carts always	• Notes: - [Backlog] Regular carts always

choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.

• - [Owned] Adding to sesmith5 backlog.

The Task in the Task table should now say: 2, "Processing", "Feature", "Regular Carts"

The User Interface for Editing a Owned task is shown.

• Task Title: "Java Swing"

Task Id: 3

Task State: Processing

• Creator: sesmith5

Owner: sesmith5

 Task Type: Knowledge Acquisition

• Notes: - [Backlog] Learn more about Swing to debug GUI.

- - [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at http://docs.oracle.co m/javase/tutorial/uis wing/start/.

choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.

• - [Owned] Adding to sesmith5 backlog.

The Task in the Task table should now say: 2, "Processing", "Feature", "Regular Carts"

The User Interface for Editing a Owned task is shown.

• Task Title: "Java Swing"

Task Id: 3

Task State: Processing

Creator: sesmith5

Owner: sesmith5

- Task Type: Knowledge Acquisition
- Notes: [Backlog]
  Learn more about
  Swing to debug GUI.
- - [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at http://docs.oracle.co m/javase/tutorial/uis wing/start/.

		<ul> <li>If there are multiple shortest special register lines, a special cart</li> <li>chooses one with the smallest index.</li> <li>The Task in the Task table should now say: 3, "Done", "Knowledge Acquisition", "Java Swing"</li> </ul>	<ul> <li>If there are multiple shortest special register lines, a special cart</li> <li>chooses one with the smallest index.</li> <li>The Task in the Task table should now say: 3, "Done", "Knowledge Acquisition", "Java Swing"</li> </ul>
Test 5: UC 15/16/17  Edit Task in Verifying State, Edit task in Done State, Edit Task in Rejected state	PreConditions: Test 4  1. Click Task with ID: 2 2. Click Edit Task 3. Click Verify Task and add note:  "Verifying" 4. Click Task with ID: 2 5. Click Edit Task 6. Check Results 7. Add Note: - [Done] 8. Click Task Verified 9. Check Results 10. Select dropdown menu for currentProduct and choose  "WolfScheduler" 11. Click Task with ID: 6 12. Click Edit Task 13. Check Results 14. Add Note: Backlogged 15. Click Backlog Task 16. Check Results 17. Select dropdown menu for currentProduct and choose  "Shopping Cart Simulation" 18. Click Task with ID: 10	The User Interface for Editing a Verifying task is shown.  • Task Title: "Regular Carts"  • Task Id: 2  • Task State: Verifying  • Creator: jep  • Owner: sesmith5  • Task Type: Feature  • Notes: - [Backlog] Regular carts always choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.  • - [Owned] Adding to sesmith5 backlog.  • - [Processing] Nothing  • - [Verifying] Verifying	The User Interface for Editing a Verifying task is shown.  Task Title: "Regular Carts"  Task Id: 2  Task State: Verifying  Creator: jep  Owner: sesmith5  Task Type: Feature  Notes: - [Backlog] Regular carts always choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular cart chooses one with the smallest index.  - [Owned] Adding to sesmith5 backlog.  - [Processing] Nothing  - [Verifying] Verifying

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- 20. Check Results
- 21. Add Note: Backlogged
- 22. Click **Backlog Task**
- 23. Check Results
- 24.

The Task in the Task table should now say: 2, "Done", "Feature", "Regular Carts"

The User Interface for Editing a Verifying task is shown.

• Task Title: "Add Course"

Task Id: 6

• Task State: Done

• Creator: sesmith5

• Owner: jcetter

Task Type: Feature

• Notes: - [Backlog]
Users can add courses
to their schedule.

- [Owned] Assigning to jctetter.
- - [Processing]
  Creating Course class.
- [Processing] Adding error checking on course name.
- [Processing] Adding tests for Course.
- - [Verifying] Request peer review.
- - [Done] Updates meet requirements and test pass.

The Task in the Task table should now say: 6, "Backlog", "Feature", "Add Course" The Task in the Task table should now say: 2, "Done", "Feature", "Regular Carts"

The User Interface for Editing a Verifying task is shown.

Task Title: "Add Course"

• Task Id: 6

• Task State: Done

Creator: sesmith5

• Owner: jcetter

• Task Type: Feature

- Notes: [Backlog]
  Users can add courses
  to their schedule.
- - [Owned] Assigning to jctetter.
- - [Processing] Creating Course class.
- - [Processing] Adding error checking on course name.
- - [Processing] Adding tests for Course.
- - [Verifying] Request peer review.
- - [Done] Updates meet requirements and test pass.

The Task in the Task table should now say: 6, "Backlog", "Feature", "Add Course" The User Interface for Editing a The User Interface for Editing a Verifying task is shown. Verifying task is shown. • Task Title: "Flatbed Carts" • Task Title: "Flatbed Carts" • Task Id: 10 • Task Id: 10 • Task State: Rejected • Task State: Rejected • Creator: jep • Creator: jep Owner: unowned Owner: unowned • Task Type: Feature • Task Type: Feature • Notes: - [Backlog] Add • Notes: - [Backlog] Add flatbed carts to flatbed carts to simulation. simulation. • - [Rejected] • - [Rejected] Rejected. Flatbed Rejected. Flatbed carts won't fit carts won't fit through physical through physical register stations. register stations. The Task in the Task table should The Task in the Task table should

now say: 10, "Backlog", "Feature",

"Flatbed carts"

now say: 10, "Backlog", "Feature",

"Flatbed carts"

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Save the Product Backlog, Quit Product Backlog Preconditions: Test 5

- 1. **Check** Task Table
- Click "File" in the top left corner and Click "Quit"
- 3. Click Save.
- 4. Check results
- 5. In the Save Product Backlog FileChooser dialog select: test-files/actual\_product\_backlog.txt
- 6. Click Save
- 7. Check Results
- 8. Close GUI

# Task Table for Shopping Car Simulation contains:

- 1, "Owned", "Feature", "Express Carts"
- 2, "Done", "Feature", "Regular Carts"
- 3, "Done", "Knowledge Acquisition", "Java Swing"
- 10, "Backlog", "Feature", "Flatbed carts"

The user is prompted to save their file by either choosing a file to save to [UC2] or declines to save the changes by selecting Cancel.

## The actual\_product\_backlog.txt contains:

- # Shopping Cart Simulation
  \* 1,Owned,Express
  Carts,F,jep,Rohit,false
   [Backlog] Express carts
  always choose the shortest
  line. If there are multiple
  shortest lines, an express
  cart chooses the one with
  the smallest index.
- [Owned] Claimed By Rohit
- \* 2, Done, Regular

Carts, F, jep, sesmith5, true - [Backlog] Regular carts always choose the shortest line excluding the express register line (at index 0). If there are multiple shortest lines, a regular

# Task Table for Shopping Car Simulation contains:

- 1, "Owned", "Feature", "Express Carts"
- 2, "Done", "Feature", "Regular Carts"
- 3, "Done", "Knowledge Acquisition", "Java Swing"
- 10, "Backlog", "Feature", "Flatbed carts"

The user is prompted to save their file by either choosing a file to save to [UC2] or declines to save the changes by selecting Cancel.

## The actual\_product\_backlog.txt contains:

- # Shopping Cart Simulation
  \* 1,0wned,Express
  Carts,F,jep,Rohit,false
   [Backlog] Express carts
  always choose the shortest
  line. If there are multiple
  shortest lines, an express
  cart chooses the one with
  the smallest index.
- [Owned] Claimed By Rohit
- \* 2, Done, Regular Carts, F. jep. sesmi

Carts, F, jep, sesmith5, true
- [Backlog] Regular carts
always choose the shortest
line excluding the express
register line (at index 0).
If there are multiple
shortest lines, a regular

cart chooses one with the smallest index.

- [Owned] Adding to sesmith5 backlog.
- [Processing] Nothing
- [Verifying] Verifying
- [Done] Verified
- \* 3, Done, Java

Swing, KA, sesmith5, sesmith5, false

- [Backlog] Learn more about Swing to debug GUI.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at

http://docs.oracle.com/java se/tutorial/uiswing/start/. If there are multiple shortest special register lines, a special cart chooses one with the smallest index.

- [Done] Done
- \* 10, Backlog, Flatbed carts, F, jep, unowned, false
- [Backlog] Add flatbed carts to simulation.
- [Rejected] Rejected. Flatbed carts won't fit through physical register stations.
- [Backlog] Backlogged
- # WolfScheduler
- \* 2, Rejected, Weekly

Repeat, F, sesmith5, unowned, f alse

- [Backlog] Events should have a weekly repeat of every 1, 2, 3, or 4 weeks.

cart chooses one with the smallest index.

- [Owned] Adding to sesmith5 backlog.
- [Processing] Nothing
- [Verifying] Verifying
- [Done] Verified
- \* 3, Done, Java

Swing, KA, sesmith5, sesmith5, false

- [Backlog] Learn more about Swing to debug GUI.
- [Owned] Adding to sesmith5 backlog.
- [Processing] Found Swing tutorials at http://docs.oracle.com/java se/tutorial/uiswing/start/. If there are multiple shortest special register lines, a special cart chooses one with the smallest index.
- [Done] Done
- \* 10, Backlog, Flatbed carts, F, jep, unowned, false
- [Backlog] Add flatbed carts to simulation.
- [Rejected] Rejected. Flatbed carts won't fit through physical register stations.
- [Backlog] Backlogged
- # WolfScheduler
- \* 2, Rejected, Weekly

Repeat, F, sesmith5, unowned, f alse

- [Backlog] Events should have a weekly repeat of every 1, 2, 3, or 4 weeks.

	- [Rejected] Weekly repeat is unnecessary when creating ideal week.  * 6,Backlog,Add Course,F,sesmith5,unowned,f alse - [Backlog] Users can add courses to their schedule [Owned] Assigning to jctetter [Processing] Creating Course class [Processing] Adding error checking on course name [Processing] Adding tests for Course [Verifying] Request peer review [Done] Updates meet requirements and test pass [Backlog] Backlogged	- [Rejected] Weekly repeat is unnecessary when creating ideal week. * 6,Backlog,Add Course,F,sesmith5,unowned,f alse - [Backlog] Users can add courses to their schedule [Owned] Assigning to jctetter [Processing] Creating Course class [Processing] Adding error checking on course name [Processing] Adding tests for Course [Verifying] Request peer review [Done] Updates meet requirements and test pass [Backlog] Backlogged
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Test 7: Add Invalid	Preconditions: None	Pop-up box with the test "Invalid	Pop-up box with the test "Invalid
Product, Add		product name." comes up.	product name." comes up.
nvalid task	Start ProductBacklogGUI		
	1. Click Add Product	Pop-up box with the test "Invalid	Pop-up box with the test "Invalid
	2. Leave the Product Name box <b>Empty.</b>	Task information" comes up.	Task information" comes up.
	3. Click <b>OK</b>		
	4. Check Results	Pop-up box with the test "Invalid	Pop-up box with the test "Invalid
	5. Click <b>OK</b>	Task information" comes up.	Task information" comes up.
	6. Click <b>Add Product</b>		
	7. Set name to: <b>Nerf</b>	Pop-up box with the test "Invalid	Pop-up box with the test "Invalid
	8. Click <b>Add Task</b>	Task information" comes up.	Task information" comes up.
	9. Leave the title box <b>blank</b> , set Task		
	Type to <b>Feature</b> , set creator to <b>Rohit</b> ,		
	and set Task notes to "Added Task".		
	10. Click Add Task to Backlog		
	11. Check Results		
	12. Set the title box to Nerf3000, set		
	Task Type to <b>Feature</b> , leave creator		
	blank, and set Task notes to "Added		
	Task".		
	13. Click Add Task to Backlog		
	14. Check Results		
	15. Set the title box to Nerf3000, set		
	Task Type to <b>Feature</b> , set creator to		
	Rohit, and leave notes blank.		
	16. Click Add Task to Backlog.		
	17. Check Results		
	18. Close GUI		

Test 8: Load	Preconditions: none.	Nothing Should be added or	Nothing Should be added or
nvalid files		Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GUI
	Start ProductBacklogGUI		
		Nothing Should be added or	Nothing Should be added or
	1. Navigate to the File button in upper	Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GUI
	left of GUI and click <b>Load</b>		
	2. Select file:	Nothing Should be added or	Nothing Should be added or
	test-files/tasks16.txt	Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GUI
	3. Click <b>Open</b>		
	4. Check Results	Nothing Should be added or	Nothing Should be added or
	<ol><li>Navigate to the File button in upper left of GUI and click Load</li></ol>	Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GUI
	6. Select file:	Nothing Should be added or	Nothing Should be added or
	test-files/tasks17.txt	Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GUI
	7. Click <b>Open</b>		
	8. Check Results	Nothing Should be added or	Nothing Should be added or
	9. Navigate to the File button in upper	Deleted in the Product Backlog GUI.	Deleted in the Product Backlog GU
	left of GUI and click <b>Load</b>		
	10. Select file:		
	test-files/tasks18.txt		
	11. Click <b>Open</b>		
	<b>12.</b> Check Results		
	13. Navigate to the File button in upper left of GUI and click <b>Load</b>		
	14. Select file:		
	test-files/tasks19.txt		
	15. Click <b>Open</b>		
	<b>16.</b> Check Results		
	17. Navigate to the File button in upper		
	left of GUI and click <b>Load</b>		
	18. Select file:		
	test-files/tasks20.txt		
	19. Click <b>Open</b>		
	<b>20.</b> Check Results		

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21. Navigate to the File button in upper	
left of GUI and click <b>Load</b>	
22. Select file:	
test-files/tasks21.txt	
23. Click <b>Open</b>	
<b>24.</b> Check Results	
25. Close GUI	