ID-ITS

RAnalyzer
Use Case Specification: Create New Project

Version 1.0

Revision History

Date	Version	Description	Author
12 Sept 2017	1.0	Initiation	Daniel Siahaan

Table of Contents

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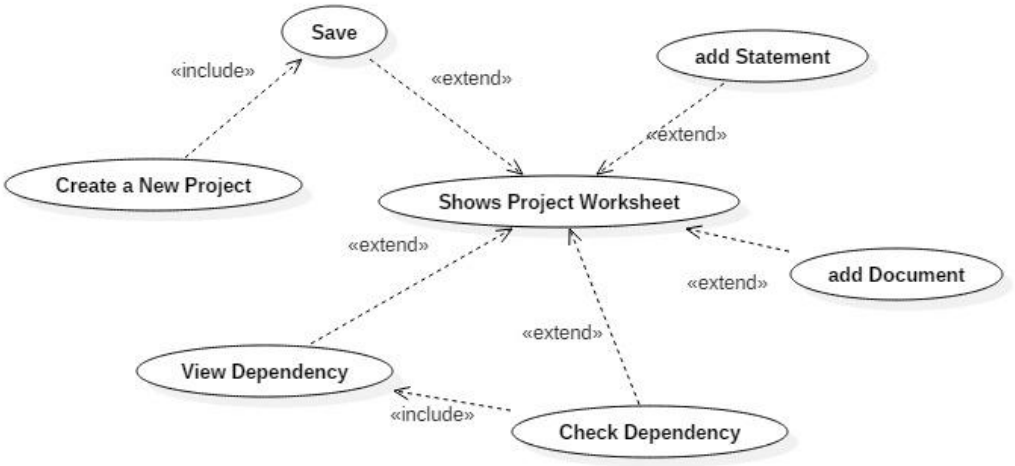
1. Create New Project

1.1 Brief Description

This use case describe how the requirements engineer create a new project in RAnalyzer.



2. Flow of Events

2.1 Basic Flow

1. The requirements engineer clicks on a menu to create a new project.
2. The system shows a project description window.
3. The requirements engineer fills in the necessary data. After he finish, he click on a Continue Button to proceed to the next step.
4. The system **Shows Project Worksheet**.
5. The requirements engineer clicks on **Save** menu.

2.2 Alternative Flows

n.a.

2.3 Exceptions

4i. Closing the worksheet without saving change on the project. This event occurs whenever the requirements engineer close the worksheet while a previous change has not been saved.

4i.1 The system shows a dialog box to ask whether to proceed closing the window without saving the change.

4i.2 Requirements enginer click on proceed.

3. Special Requirements

3.1 The project shall be stored in a file with a .ran extension.

3.2 The project shall be stored in xml format.

3.3 The default name for the file being saved is 'Untitled'. If there is an existing file with the same name, a incrementaly number is added at the end, e.g. 'Untitled1', 'Untitled2', etc.

3.4 Project worksheet contains two child windows, i.e. Statements List Window and UML Diagram Windows

4. Pre-Conditions

n.a.

5. Post-Conditions

5.1 The new project with extension .ran is created.

6. Extension Points

4a Requirements engineer can **Add Document** of a design artifacts.
4a.1 Requirements engineer clicks on Add Document button.
4a.2 The system opens a window explorer.
4a.3 Requirements engineer selects a class diagram file with an .xmi extension. He clicks on Open button.
4a.4 The system show a loading in progress message.
4a.5 The system add the class diagram on the class diagram list.

4b Requirements engineer can **Add Statement** of requirements.
4b.1 Requirements engineer clicks on Add Statement button.
4b.2 The system opens a requirements statement form.
4b.3 Requirements engineer types the statement and other relevant metadata on the given field. He clicks on Add button.
4b.4 The system add the new statement into the statement list.

4c Add any given time, the requiremens engineer can click on **Save** menu to save any change that has been made.

4d. Requirements engineer can **View Dependency** of a current project.
4d.1 Requirements engineer clicks on View Dependency button.
4d.2 The system opens a dependency window and show the dependency graph.
4d.3 Requirmeents engineer close the window.
4d.4 The system close the window and return to worksheet.

4e. Requirements engineer can **Check Dependency** of a current project.
4e.1 Requirements engineer clicks on Check Dependency button.
4e.2 The system shows a progress bar.
4e.3 The system **View Dependency**.

4f Requirements engineer can **Edit Statement** of requirements.
4f.1 Requirements engineer clicks on selected statement within the Statement Window.
4f.2 The system opens a requirements statement form in a new window and shows the respected statement.

4f.3 Requirements engineer edit the statement and other relevant metadata on the given field. He clicks Save button.
4f.4 The system return to the worksheet.

4g Requirements engineer can **Delete Statement** of requirements.
4g.1 Requirements engineer clicks on Delete button of respected statement within the Statement Window.
4g.2 The system opens a dialog box asking for confirmation.
4g.3 Requirements engineer clicks on OK to persue the deletion of the statement.
4g.4 The system return to the worksheet.

4h Requirements engineer can **Remove Document** of requirements.
4h.1 Requirements engineer clicks on Delete button of respected document within the UML Diagram Window.
4h.2 The system opens a dialog box asking for confirmation.
4h.3 Requirements engineer clicks on OK to persue the deletion of the document.
4h.4 The system return to the worksheet.