*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID #1331

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**Project:** VIP Website 7.0

**Product Owner(s)**: Francisco Ortega, Masoud Sadjadi

**Mentor(s)**: Jose Ponce

**Instructor**: Masoud Sadjadi

**User Story Name:** Add General Attachments to Projects

* Description: As a user, I want to see any documents so that I can see any relevant material associated with a project.

Acceptance Criteria

* A user should be able to upload relevant attachments in PDF format.
* The number of documents associated with the project should show on the project details page.

**Use Case**

* Name: Administrator adds document a new or existing project.
* Actor: PI/CoPI
* Preconditions: Admin must be logged with proper privileges and be on the project proposal page.
* Description:

1. PI/CoPI fills out required fields and reaches the Upload Attachments for this projectarea.
2. PI/CoPI types/inserts a Document URL or uploads a PDF into the Upload Attachments for this projectarea.
3. PI/CoPI types in a name for the document.
4. PI/CoPI clicks Add Document button.
5. The VIP website responds by adding the document to a list below the Upload Attachments for this projectarea.
6. Steps 2-5 are repeated for each Document, whether it be a URL or uploaded document.
7. PI/CoPI clicks the Submit button at the bottom of the page and the document(s) are saved with the project.

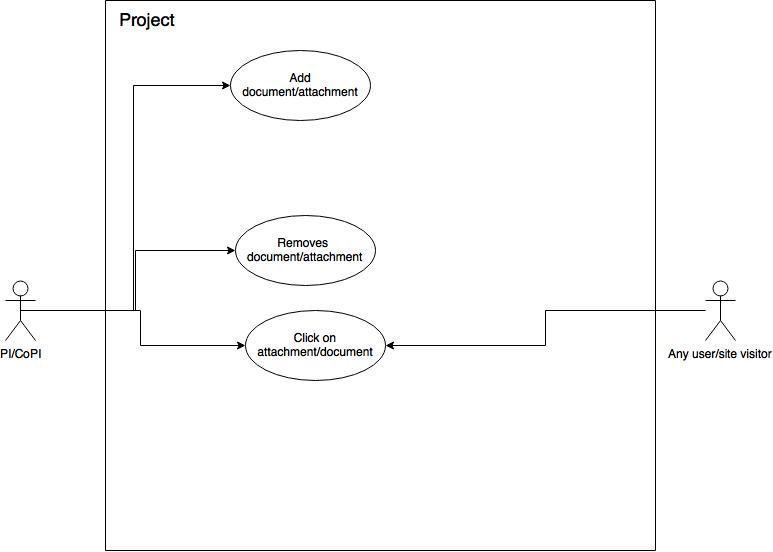
* Name: Administrator removes a document from a project.
* Actor: PI/CoPI
* Preconditions: Admin must be logged with proper privileges and be on the existing project’s proposal page.
* Description:

1. PI/CoPI finds the document in the list on the project proposal page.
2. PI/CoPI clicks Remove Document button.
3. The VIP website responds by removing the document from the list.
4. PI/CoPI clicks the Submit button at the bottom of the page and the document(s) are removed from the project.

* Name: A user/site visitor Interact with a document/attachment on project details page.
* Actor: any user/site visitor
* Preconditions: A user/site visitor must be on a chosen project details page.
* Description:

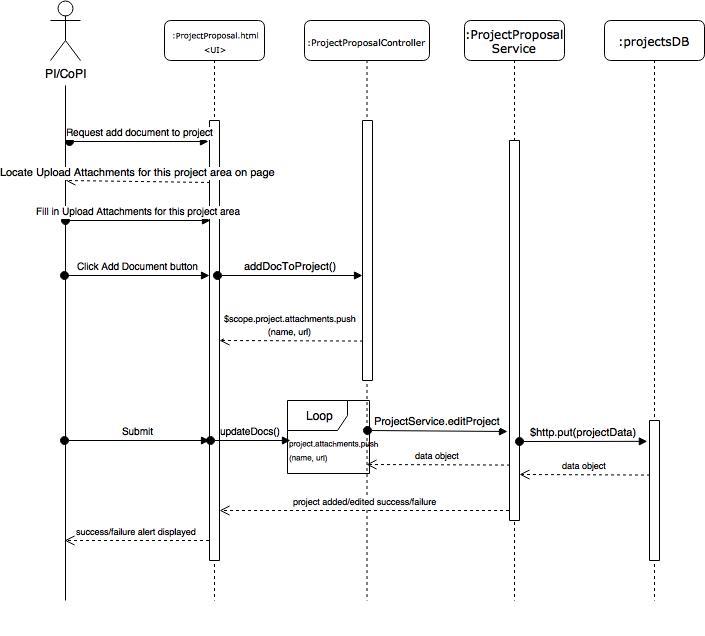
1. User/site visitor sees the attachments area on the project details page.
2. User/site visitor clicks on an attachment or the file thumbnail located on the project details page.
3. User/site visitor sees the selected document (whether the uploaded file or shared URL) open in a new window.

**Use Case Diagram <**you can use draw.io**>**

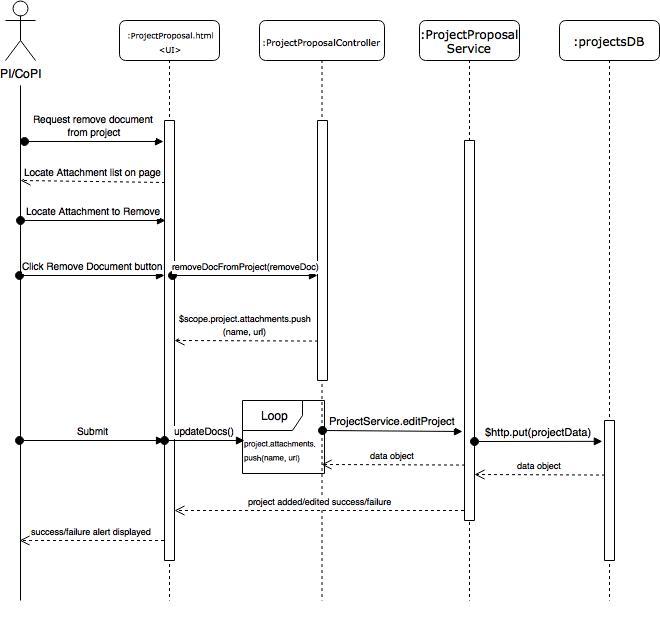
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**Sequence Diagram**

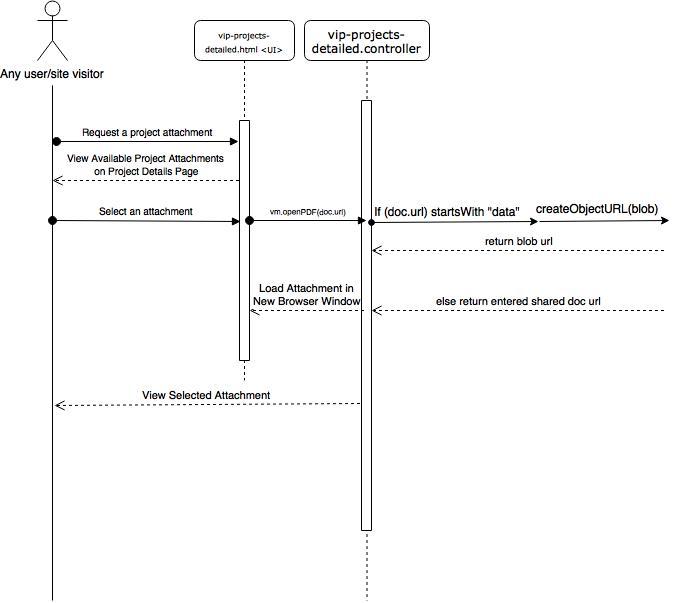
Add Document/Attachment



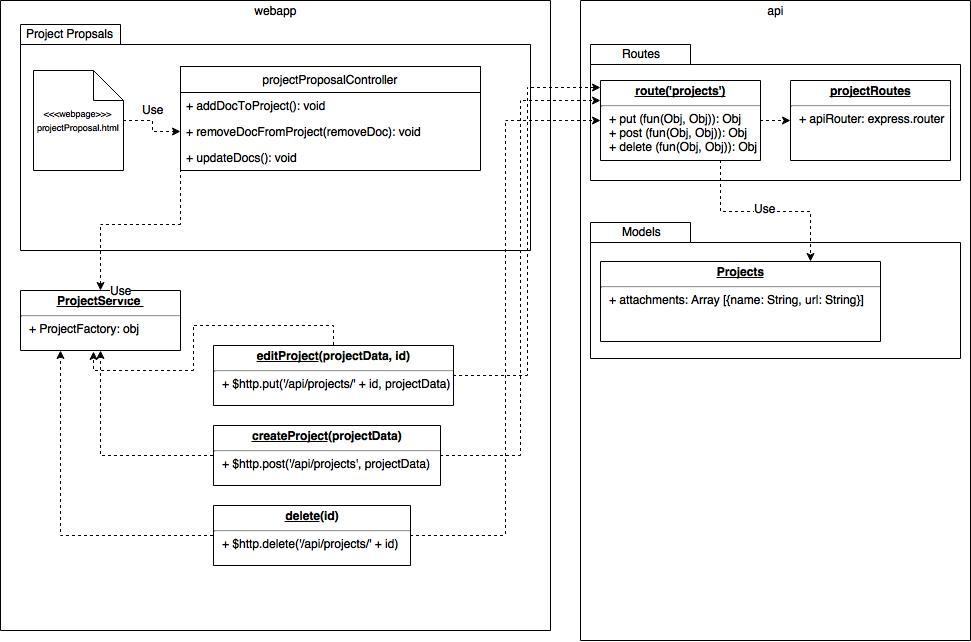
Remove Document/Attachment



Interact with documents/attachments on project details page



**Class Diagram**



**Unit Test**

* Test case ID: VIP-1331-U1
* Description: Add a new attachment to a project
* Summary of Test:

1. Tester enters a Attachment/Document URL into the “Upload Attachments for this project” area.
2. Tester enters a name for the attachment into the Document Name field.
3. Tester clicks Add Document button.
4. Tester observes that the new document is added to attachment list.
5. Tester enters a Uploads a PDF into the “Upload Attachments for this project” area.
6. Tester enters a name for the attachment into the Document Name field.
7. Tester clicks Add Document button.
8. Tester observes that the new document is added to attachment list.
9. Tester presses Submit button to save changes/create a new project.

* Test Data
  + Attachment/Document URL: <https://www.dropbox.com/s/r8fwh5yuphu46fr/SteveJobs_StanfordConvocationSpeech.pdf?dl=0>
    - Name: Test Dropbox Shared Link
  + Uploaded File: Test File.pdf (this is a generic PDF file on my computer)
    - Name: Test Upload PDF
* Pre-condition:

1. Admin must be logged with proper privileges.
2. Admin must be on the project proposal page.

* Expected Results:

1. Attachment link will be added to the project in the database, along with the entered attachment name.
2. Uploaded Attachment link will be added to the project in the database, along with the entered attachment name.
3. Attachment links will be shown under the Attachments heading on the project details page.

* Actual Result:

1. Attachment link was added to the project in the database, along with the entered attachment name.
2. Uploaded Attachment link was added to the project in the database, along with the entered attachment name.
3. Attachments are visible under the Attachments heading on the project details page.

Status (Fail/Pass): PASS

* Test case ID: VIP-1331-U2
* Description: Removes attachment from a project.
* Summary of Test:

1. Tester finds document to remove in attachment list.
2. Tester clicks Remove Document button.
3. Tester observes that the document is removed from the attachment list.
4. Tester presses Submit button to save changes/update the project.

* Test Data
  + Document in Attachment List: Test Dropbox Shared Link
* Pre-condition:

1. Admin must be logged with proper privileges.
2. Admin must be on the project proposal page.

* Expected Results:

1. Attachment will be removed from the project in the database, along with its name.
2. Attachment will no longer be shown under the Attachments heading on the project details page.

* Actual Result:

1. Attachment was removed from the project in the database, along with its name.
2. Attachment is longer visible under the Attachments heading on the project details page.

Status (Fail/Pass): PASS

* Test case ID: VIP-1331-U3
* Description: Interact with documents/attachments on project details page
* Summary of Test:

1. Tester selects an attachment to view on the project details page.
2. The attachment is loaded into a new browser window..
3. Tester views the chosen attachment.

* Test Data
  + Click the following attachment name shown under the “Attachments” heading: Test Dropbox Shared Link.
* Pre-condition:

1. Tester must be on a project’s details page.

* Expected Results:

1. The selected attachment will be loaded in a new browser window.
2. Tester will view the attachment.

* Actual Result:

1. The selected attachment was loaded in a new browser window.
2. Tester viewed the attachment.

Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1331-G1
* Description: User and Admin Email will be notified when user submits a new project or makes changes (like adding or removing an attachment) to an existing project.
* Summary of Test:

1. Tester enters a test site admin email into the admin email input  .
2. Tester selects the entered admin email and selects the ‘change’ button.
3. VIP-1331-U1, VIP-1331-U2, and/or VIP-1331-U3 was executed successfully.
4. Upon successful execution of VIP-1331-U1, VIP-1331-U2, and/or VIP-1331-U3 an email is automatically sent to the product owner email and admin email specifying whether a new project has been proposed or edited/changed.

* Pre-condition:

1. User must be logged with proper privileges.
2. User must be on the admin panel - admin maintenance page.

* Expected Results:

1. The new attachments(s) will be added/removed from the specified project.
2. The product owner(s) and site admin will receive an email notification.

* Actual Result:

1. The new attachments(s) were added/removed from the specified project
2. The product owner(s) and site admin each received an email notification

Status (Fail/Pass): PASS

**Visual User Guide** <like one or two screenshots of the feature. For the hardware project, a photo of device is required>

