Use Cases: Project Platypus

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Use case: Save images

This use case describes when the user is finished with adding filters and wants to save the finished, resulting images to their harddrive.

Priority: High
Include: Apply filter UC

Participating actors:
- User
- Computer

Normal flow:

1. User specifies path by browse dialog
2. User chooses file export type
3. User clicks save
4. Computer saves image to chosen path
5. Computer shows finished dialog

Exceptional flow:

a 1. The chosen path is not vaild (doesn't exist or no permission)
2. Computer opens error dialog
3. Computer does nothing
b 1, File in batch doesn't exist anymore
2. Skip file

Use case: Add new filter

This use case describes when the user wants to add a new filter.

Priority: High

Participating actors:
- User
- Computer

Normal flow:

1. User presses new filter button
   2. Computer shows available filters in dialog
3. User selects filter
   4. Info about filter shown in dialog
5. User presses OK
   6. Show GUI for filter

Exceptional flow:

a 5. The chosen filer is not valid
   6. Computer shows error dialog
  5. User chose another filter

Use case: Add image(s)

Opens the file browser, letting the user choose one or multiple images to be added to the program.

Priority: High

Participating actors:
- User
- Computer

Normal flow:

1. User clicks "Add images"
      2. Computer shows the filebrowser.
3. User navigates and selects one or multiple image files.
4. User clicks "Done".
      5. Computer loads the selected image(s) and shows them as thumbnails.

Exceptional flow:

b 5. Selection is empty.
      6. Computer closes the dialog.

Use case: Remove image(s)

This use case describes when the user wants to remove an image from the batch, using the GUI.

Priority: Mid

Participating actors:
- User
- Computer

Normal flow:

1. User clicks the delete button on one of the thumbnails.
   2. Computer removes the corresponding image.

Use case: Change value on filter

This use case described when the user uses the filter's panel to change on of it's values.

Priority: Mid

Participating actors:
- User
- Computer

Normal flow:

1. User interacts with filter controls.
   2. Computer applies new filter settings on the preview.

Exceptional flow a)

   2. Filter is invalid or broken.
   3. Computer skips filter

Use case: Save preset

This use case describes when the user wants to save a preset, i.e. the currently added filters and their settings.

Priority: Low
Extends: Save images UC

Participating actors:
- User
- Computer

Normal flow:
1. User checks the checkbox "save preset" and fills in a name in the text field.
2. User clicks Save button.
      3. Computer saves preset.

Exceptional flow a)
      3. Preset name already exists. Computer shows dialog (Replace? yes/no).
      4a) User press Yes.
      5a) Computer saves preset

Exceptional flow b)
      3. Preset name already exist. Computer shows dialog (Replace? yes/no).
      4b) User press No.
      5b) Computer show Save images screen again.

Use case: Remove filter

This use cases describes when the user removes an active filter.

Priority: Low

Participating actors:
- User
- Computer

Normal flow:
1. User clicks Remove filter button.
   2. Computer removes filter and shows the previous filter.

Exceptional flow a)
   2a) The removed filter removed was the first one. Computer shows next filter instead.

Exceptional flow b)
   2b) The removed filter was the only active filter. Computer shows image dialog again.

Use case: Import filter

This use case described when the user import a new filter to the program from an external folder.

Priority: Low
Extends: Add new filter UC

Participating actors:
- User
- Computer

Normal flow:
1. User clicks Import filter button.
    2. Computer shows file dialog.
3. User selects filter and clicks "import".
    4. The imported filter appears selected among the available filters.

Exceptional flow:
3. The selected filter is not valid.
    4. Computer shows error dialog and returns to dialog.

Use case: Load preset

This use case describes when the user loads a preset from the dialog.

Priority: Low
Participating actors:
- User
- Computer

Normal flow:

1. User clicks Load preset button.
   2. Computer shows available presets in dialog.
3. User select preset in list.
   4. Computer loads filters and their preset values. Shows last filter.

Exceptional flow:

3. The selected filter is not valid.
   4. Computer shows error dialog.