**Splitting the flow**

Goal level: Sea level

Actor: User

Pre: There are at least one pump and one sink in the network

Main Success Scenario:

1. User chooses splitter or adjustable splitter and adds it to the network

2. System draws the splitter

3. User makes connection between pump, splitter and sink.

4. System splits the flow between the upper and lower output of the splitter

Extensions:

4.a Splitter is adjustable splitter

4.a.1 User can adjust the percentage fuel that leaves the upper output of the splitter

**Undo last change**

Goal level: Sea level

Actor: User

Pre: At least one modification had been made

Main Success Scenario:

1. User clicks on undo button

2. System depict the network by one action backwards

**New File**

Goal level: Sea level

Actor: User

Main Success Scenario:

1. User presses the button “new file”

2. System creates new blank file

3. System displays blank file to user

Extensions:

1.a: Another file is open and changes had been made

1.a.1 System asks if user wants to save the changes.

2.a: It is impossible to create new blank file

2.a.1System displays message that it is impossible to create new file and displays the reason

**File open**

Goal level: Sea level

Actor: User

Main Success Scenario

1. User presses the button to open file

2. System displays file explorer

3. User selects the needed file

4. User presses “Ok” button

5. System opens the selected file

Extensions:

5.a: It is unable to open selected file (wrong format or file was damaged)

5.a.1 System displays message that file cannot be opened