

Project Ivanhoe

Design Document

Group 16

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6. Functional Test Cases

6.1 Create Profile

Function being tested: Creation of Profile

RD reference: 4.1.1.1

Precondition: -

Use case: UC2 RD 8.2

Input: Profile name.

Expected output: “New profile dialog” is closed. Main window of application displayed. “Aktuell profil:” equals the inputted profile. The profile is saved to file.

Instructions:

- 1) Choose “Skapa ny profil” in the menu “Arkiv”.
- 2) Input name in the text field.
- 3) Click the button “Ok”.

6.2 Create Budget

Function being tested: Creation of Budget

RD reference: 4.1.1.2

Precondition: Profile exists.

Use case: UC3 RD 8.3

Input: Budget name and time period.

Expected output: “Create new budget dialog” is closed. Main window of application displayed. “Aktuell budget:” equals the inputted budget. The budget is saved to file.

Instructions:

- 1) Choose “Skapa ny budget” in the menu “Arkiv”.
- 2) Input name in the text field.
- 4) Choose number of days in the list.
- 3) Click the button “Skapa budget”.

6.3 Change user profile

Function being tested: Change of active user Profile.

RD reference: 4.1.1.1

Precondition: There is a profile active.

Use case: -

Input: -

Expected output: “Choose profile dialog” is closed. Main window of application displayed. “Aktuell profil:” equals the new chosen profile.

Instructions:

- 1) Click the button “Ändra” next to “Aktuell profil” in the left main window panel.
- 2) Select a profile from the list.
- 3) Click the button “Ok”.

6.4 Analyse data in graph

Function being tested: Analyse data with a graph.

RD reference: 4.1.1.6, 4.1.1.7, 4.1.1.7.1

Precondition: There is a profile active. The profile must contain legitimate financial data.

Use case: UC4 RD 8.4

Input: Time period and one or many categories and/or subcategories.

Expected output: The tab “Diagram” is displayed. Data is presented in a graph.

Instructions:

- 1) Choose the “Analys” tab in the main window.
 - 2) Select the option “Diagram”.
 - 3) Click the checkbox “Jämför med budget”*
 - 4) Input a period of time to analyse in the text field “Tidsperioder”.
 - 5) Click the button “Lägg till”.
- Repeat step 3 and 4 until satisfied.
- 6) Choose category or subcategory from the drop down lists “Kategorier” and “Benämningar”.
 - 7) Click the button “Lägg till”.
- Repeat step 5 and 6 until satisfied.
- 8) Click the button “Analysera”.
- *Optional

6.5 Analyse data in table

Function being tested: Analyse data with a graph.

RD reference: 4.1.1.6, 4.1.1.7, 4.1.1.7.2

Precondition: There is a profile active. The profile must contain legitimate financial data.

Use case: UC4 RD 8.4

Input: Time period and one or many category and/or subcategories.

Expected output: The tab “Diagram” is displayed. Data is presented in a table.

Instructions:

- 1) Choose the tab “Analys” in the main window.
 - 2) Select the option “Kalkylblad”.
 - 3) Input a period of time to analyse in the text field “Tidsperioder”.
 - 4) Click the checkbox “Jämför med budget”*
 - 5) Click the button “Lägg till”.
- Repeat step 3 and 4 until satisfied.
- 6) Choose category and subcategory from the drop down lists “Kategorier” and “Benämningar”.
 - 7) Click the button “Lägg till”.
- Repeat step 5 and 6 until satisfied.
- 8) Click the button “Analysera”.
- *Optional

6.6 Change time period

Function being tested: Change of the time period.

RD reference: 4.1.1.7

Precondition: There is a profile active.

Use case: -

Input: Start date and end date.

Expected output: “Choose date dialog” is closed. Main window of application displayed. “Aktuell tidsperiod:” equals the inputted time period. The dated events for the chosen time period are displayed.

Instructions:

- 1) Click the button “Ändra” on the right side of the displayed date in the main view.
- 2) Input start date and end date in the text fields.
- 3) Click the button “Ok”.

6.7 Add economic event

Function being tested: Add economic event to budget

RD reference: 4.1.1.3., 4.1.1.5.

Precondition: A profile is active and a budget exists

Use case: UC1 RD 8.1

Input: The sum for the economic event.

Expected output: The economic event has been added to the budget and the modified budget is shown by the system.

Instructions:

- 1) Click on the tab "Budget".
- 2) Choose category from the drop down list "Kategori".
- 3) Choose subcategory from the drop down list "Benämning".
- 4) Enter the sum in the text field "Summa".
- 5) Choose whether the economic event is an income or an expense by clicking one of the radio buttons "Inkomst" and "Utgift".
- 6) Press the button "Lägg till".

6.8 Add dated event

Function being tested: Add dated event to profile

RD reference: 4.1.1.4, 4.1.1.5.

Precondition: A profile is active

Use case: -

Input: The sum and date for the dated event.

Expected output: The dated event has been added to the profile and the modified profile is shown by the system.

Instructions:

- 1) Click on the tab "Lägg till post".
- 2) Choose category from the drop down list "Kategori".
- 3) Choose subcategory from the drop down list "Benämning".
- 4) Choose whether the economic event is an income or an expense by clicking one of the radio buttons "Inkomst" and "Utgift".
- 5) Enter the sum in the text field "Summa".
- 6) Enter the date in the text field "Datum".
- 7) Press the button "Lägg till".

6.9 Show by category

Function being tested: Show details for the selected table by category.

RD reference: 4.1.1.5 and 4.1.1.6

Precondition: Dated events have previously been stored.

Use case: -

Input: -

Expected output: Details for the selected category is shown in the main table. If the user had another tab showing, the program will change to the tab "Visningsläge".

Instructions:

- 1) Click on the category in the tree on the left side of the tab "Visningsläge".