Determined Debt Destruction Use Cases

[**User Authentication:**](#_bqk0i9838f68) **1**

[Create Account](#_2lyl44yk7u3e) 1

[Login](#_545f2n89va19) 3

[Logout](#_mpue7t24wowh) 5

[**Debt**](#_59lhwqtqrahu) **7**

[Enter Debt](#_lgq72px5aev6) 7

[Edit Debt](#_4whxf6fkc9fu) 8

[Delete Debt](#_l8ggur4voy77) 10

[**Recurring Charges**](#_5087qq2ayi1p) **12**

[Enter Recurring Charge](#_b7snfjya4y36) 12

[Edit Recurring Charge](#_1mpdcynzicw9) 13

[Delete Recurring Charge](#_v5axh9j7edaa) 15

[**Income**](#_bzns5e2gbx09) **17**

[Enter Income](#_d4yc28tz0cvl) 17

[Edit Income](#_7vz5vs8b95qn) 18

[Delete Income](#_eyt1e1pkucw5) 20

# **User Authentication:**

## **Create Account**

| **Title:** | Create User Account |
| --- | --- |
| **Description:** | A User has arrived at the webpage interface and has selected the option to create an account on the webpage. |
| **Actors:** | User |
| **Stimulus (Trigger)** | The User has navigated to the Webpage and selected the option to create an account on the webpage |
| **Preconditions:** | The webpage is in a default user not authenticated state with no information shown |
| **Postconditions:** | The database has created the account and it is now possible for the user to login to the webpage with the information. |
| **Main**  **Success Scenario:** | 1. The user arrives at the webpage interface in the default user not authenticated state 2. The user selections the option to create an account 3. The webpage prompts the user for: username, email, and password. 4. The user submits the information 5. An account is created in the user database with the submitted information |
| **Extensions:** | 4.1 If the user enters a previously stored username the system alerts the user to the duplication of usernames and offers alternatives/allows the user to edit.  4.2 If the user enters a previously stored email address the system alerts the user and prompts them with “Forgot Username and/or Forgot Password?” options and the user can edit their entered email  4.3 If the user enters a password that does not meet the requirements dictated by the SRS document. The system alerts the user to the issue and allows the user to edit |
| **Priority:** | 2 – As the backend database itself is a nice to have user creation is reliant on the database |

## **Login**

| **Title:** | Authenticate User |
| --- | --- |
| **Description:** | A User has arrived at the webpage interface and has selected the option to login on the webpage. |
| **Actors:** | User |
| **Stimulus (Trigger)** | The User has navigated to the Webpage and selected the option to login on the webpage |
| **Preconditions:** | The webpage is in a default user not authenticated state with no information shown |
| **Postconditions:** | The webpage is in a user authenticated state, displaying the authenticated user’s previously entered information on the webpage. |
| **Main**  **Success Scenario:** | 1. The user arrives at the webage interface in the default user not authenticated state 2. The user selects the option to login 3. The webpage prompts the user for their username and password 4. The user enters and submits their information 5. The webpage authenticated entered information 6. The webpage updates to display authenticated user’s previously entered information on the webpage |
| **Extensions:** | 3.1 When the user selects login, an option to register should also be provided so that the user can register with the system should this be their first visit  4.1 If the user authentication fails due to a bad user name alert the user that the username does not exist. Allow user to re-enter information and provide a “Forgot my username” option  4.2 If the user authentication fails due to a bad password alert the user that the password is incorrect. Allow user to re-enter information and provide a “Forgot my password” option |
| **Priority:** | 2 – As the backend database itself is a nice to have user Authentication is reliant on the database |

## **Logout**

| **Title:** | Log Out User |
| --- | --- |
| **Description:** | An authenticated user decides to end their use of the system. Prior to closing the web-browser the user has selected the option to logout on the webpage |
| **Actors:** | User |
| **Stimulus (Trigger)** | An authenticated user has selected the logout option on the webpage |
| **Preconditions:** | The webpage has an authenticated user and is displaying their relevant information |
| **Postconditions:** | The webpage is in a default user not authenticated state with no information shown |
| **Main**  **Success Scenario:** | 1. An authenticated user decides to end their use of the system 2. Prior to closing the web-browser the user selects the option to logout on the webpage 3. The webpage then clears the displayed information on the webpage and reverts to a default user not authenticated state. |
| **Extensions:** |  |
| **Priority:** | 2 – As the backend database itself is a nice to have user Authentication is reliant on the database |

# Debt

## Enter Debt

| **Title:** | A user elects to enter a new Debt into the system |
| --- | --- |
| **Description:** | The user selects the option to enter a new Debt into the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to enter a new Debt into the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option. |
| **Postconditions:** | The system has logged the newly entered debt into the database and is displaying that debt to the user on the web page interface |
| **Main**  **Success Scenario:** | 1. A user on the webpage decides to enter a debt into the system 2. The user is then prompted to enter the following required information:    1. Debt amount, account number, type of debt, provide a nickname, APR of the debt, Payment Date, and Minimum Payment Amount 3. The user enters and submits the required information 4. The submitted information is utilized to create a new entry in the database 5. The webpage can now display the new entered information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 0 - This is a must do task as if the user can not enter a debt the entire point of our system does not exist. |

## Edit Debt

| **Title:** | A user elects to modify/edit a Debt in the system |
| --- | --- |
| **Description:** | The user selects the option to modify/edit an existing Debt in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to modify an existing Debt displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered debts displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has updated the modified debt with the new information in its display. |
| **Main**  **Success Scenario:** | 1. A user of the webpage selected a previously entered debt in the system to edit 2. The website then prompts the user to update any part or all of the following required information:    1. Debt amount, Account number, type of debt, provided a nickname, APR of the debt, Payment Date, and Minimum Payment amount 3. The user updates and submits the information 4. The system takes the submitted information and updates the database entry 5. The website now shows the updated information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 1 - This is a should do task as if the user can not modify a debt it is an inconvenience that would lessen the end product |

## 

## Delete Debt

| **Title:** | A user elects to delete a previously entered Debt in the system |
| --- | --- |
| **Description:** | The user selects the option to delete an existing Debt in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to delete an existing Debt displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered debts displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has removed the deleted debt from the database and in its display. |
| **Main**  **Success Scenario:** | 1. The user has selected a previously entered debt in the system and elects to delete it 2. The website then prompts the user to confirm the desire to delete the debt 3. The user confirms the desire to delete the debt 4. The website deletes the debt from the database 5. The webpage updates to no longer show the deleted debt |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system |
| **Priority:** | 0 - This is a must do task as if the user can not delete a debt the entire point of our system does not exist. |

# Recurring Charges

## Enter Recurring Charge

| **Title:** | A user elects to enter a new Recurring Charge into the system |
| --- | --- |
| **Description:** | The user selects the option to enter a new Recurring Charge into the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to enter a new Recurring Charge into the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option. |
| **Postconditions:** | The system has logged the newly entered recurring charge into the database and is displaying that recurring charge to the user on the web page interface |
| **Main**  **Success Scenario:** | 1. A user on the webpage decides to enter a debt into the system 2. The user is then prompted to enter the following required information:    1. Name, Payment Due Date, Payment Amount, and Payment Schedule 3. The user enters and submits the required information 4. The submitted information is utilized to create a new entry in the database 5. The webpage can now display the new entered information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 0 - This is a must do task as if the user can not enter a recurring charge the entire point of our system does not exist. |

## Edit Recurring Charge

| **Title:** | A user elects to modify/edit a recurring charge in the system |
| --- | --- |
| **Description:** | The user selects the option to modify/edit an existing recurring charge in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to modify an existing recurring charge displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered recurring charges displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has updated the modified recurring charge with the new information in its display. |
| **Main**  **Success Scenario:** | 1. A user of the webpage selected a previously entered recurring charge in the system to edit 2. The website then prompts the user to update any part or all of the following required information:    1. Name, Payment Due Date, Payment Amount, and Payment Schedule 3. The user updates and submits the information 4. The system takes the submitted information and updates the database entry 5. The website now shows the updated information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 1 - This is a should do task as if the user can not modify a recurring charge it is an inconvenience that would lessen the end product |

## Delete Recurring Charge

| **Title:** | A user elects to delete a previously entered recurring charge in the system |
| --- | --- |
| **Description:** | The user selects the option to delete an existing Recurring charge in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to delete an existing Recurring Charge displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered recurring debts displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has removed the deleted recurring charge from the database and in its display. |
| **Main**  **Success Scenario:** | 1. The user has selected a previously entered recurring charge in the system and elects to delete it 2. The website then prompts the user to confirm the desire to delete the recurring charge 3. The user confirms the desire to delete the recurring charge 4. The website deletes the recurring charge from the database 5. The web page updates to no longer show the deleted recurring charge |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system |
| **Priority:** | 0 - This is a must do task as if the user can not delete a recurring charge the entire point of our system does not exist. |

## 

## 

# Income

## Enter Income

| **Title:** | A user elects to enter a new Income into the system |
| --- | --- |
| **Description:** | The user selects the option to enter a new income into the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to enter a new income into the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option. |
| **Postconditions:** | The system has logged the newly entered income into the database and is displaying that income to the user on the web page interface |
| **Main**  **Success Scenario:** | 1. A user on the webpage decides to enter an Income into the system 2. The user is then prompted to enter the following required information:    1. Name, Payment Frequence, Payment Amount, Payment Pay Date, and Monthly Income 3. The user enters and submits the required information 4. The submitted information is utilized to create a new entry in the database 5. The webpage can now display the new entered information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 0 - This is a must do task as if the user can not enter a debt the entire point of our system does not exist. |

## Edit Income

| **Title:** | A user elects to modify/edit an income in the system |
| --- | --- |
| **Description:** | The user selects the option to modify/edit an existing income in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to modify an existing income displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered income displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has updated the modified recurring charge with the new information in its display. |
| **Main**  **Success Scenario:** | 1. A user of the webpage selected a previously entered income in the system to edit 2. The website then prompts the user to update any part or all of the following required information:    1. Name, Payment Frequence, Payment Amount, Payment Pay Date, and Monthly Income 3. The user updates and submits the information 4. The system takes the submitted information and updates the database entry 5. The website now shows the updated information |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system  3.1 If not all of the required information is entered the system shall alert the user to the missing information and allow the user to enter/update information  3.2 The required information entered is not in the correct format. Alert the user and allow the user to update information before revalidation |
| **Priority:** | 1 - This is a should do task as if the user can not modify a recurring charge it is an inconvenience that would lessen the end product |

## Delete Income

| **Title:** | A user elects to delete a previously entered income in the system |
| --- | --- |
| **Description:** | The user selects the option to delete an existing income in the Webpage interface of the system |
| **Actors:** | User |
| **Stimulus (Trigger)** | The user selects the option to delete an existing income displayed in the Webpage interface of the system |
| **Preconditions:** | The system is in a waiting state, for the user to select an option and has previously entered recurring debts displayed. |
| **Postconditions:** | The system is in a waiting state, for the user to select an option and has removed the deleted recurring charge from the database and in its display. |
| **Main**  **Success Scenario:** | 1. The user has selected a previously entered income in the system and elects to delete it 2. The website then prompts the user to confirm the desire to delete the income 3. The user confirms the desire to delete the income 4. The website deletes the income from the database 5. The web page updates to no longer show the deleted income |
| **Extensions:** | 1.1 If the user database is implemented, a non-authenticated user can not utilize the system |
| **Priority:** | 0 - This is a must do task as if the user can not delete a recurring charge the entire point of our system does not exist. |