1. First, display a welcome message.
2. Main Menu

[1] Load Starting Data  
[2] Show User Records  
[3] Edit Users  
[4] Enter User View  
[5] Show System Usage Summary  
[6] Credits and Exit

1. [1] Load Starting Data

A table with numbers and letters

Description automatically generated

If the user enters options 2 to 5 before starting data is loaded, an error message should be shown, and then the system returns to the Main Menu.

1. [2] Show User Record

[After the starting data is loaded]

* Displays all the fields of all user records
* Records are sorted in alphabetical order based on the ID values.
* The latest set of data since the starting data is loaded
* After showing the records, the system returns to the Main Menu.

1. [3] Edit User

[After the starting data is loaded]

* Message: For the next user input of a User ID
* ID does not exist >> Create user
* Asks the user to input three fields

1. **Type**
2. **Token Balance**
3. **Auto Top-up**

If wrong field values. Allows TWO more retries.

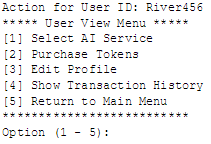
Three times wrong, no user is added. Error message  
and returns to the Main Menu.

* ID exist >> Delete user
* Displays all the information of the user
* “Yes/No” confirmation on the delete operation
* Max user records: 100
* After, summary of the above operation and return

1. [4] Enter User View

[After the starting data is loaded]

* Message: For the next user input of a User ID
* ID does not exist >> Error message and returns to the Main Menu
* ID exist >> User View Menu



* [1] Select AI Service

．Shows the list of available AI services and asks user for the choice

．If all user inputs are valid >>

AI service is allowed + token balance is enough

User’s token balance will be updated

．If user “Auto Top-up” is “Y” >>

Display the extra money + User’s final token balance

User’s token balance will be updated

．The auto top-up amount >>

minimum extra tokens + multiple of $20

．If user “Auto Top-up” is “N” >>

If input (X) or balance (X) >>

Message: will not be paid

User’s token balance will not be updated

．Print user token balance and return to the User View Menu.

* [2] Purchase Tokens

．1 token costs $2

．Message: You should have an even integer value

．If input (X), give an error message

* [3] Edit Profile

．Change “Account Type” or the “Auto Top-up” setting

．If input(v), should be update

．if input(x) over 2 times, error message and return User View

* [4] Show Transaction History

．Show this user all token transaction records history

．All tokens transactions in

[1] Select AI Service [2] Purchase Tokens

Should be display.

．Display in the order that they were carried out