Build an application using Angular,  dotnet and SQL. I want to manage my savings in investments using this application.

In this application, I will enter the amount I wanted to invest,
and the app has to save the details in DB. It has to save the transaction and add the amount into totals. I will enter the invested amount into multiple different areas like GOLD, SILVER, STOCKS, ETFs, MUTUAL FUNDS, BITCOIN etc,. and then in next the page, allot the invested money (amount entered) to different goals like MARRAIGE or BUYING A CAR or BUYING A HOUSE.

Application: I want the application to look very elegant, use color or gradients of violet, purple, yellow, or maybe orange. Use entity framework core for crud operations on the database ttransactions.

1. Landing page
   - login page: This page should have just 2 text boxes with labes: username and password, an Enter button. The username is "Crypto" and password is "CryptographicLock". If the user enters the correct username and password, route to the next page. There should be a total of three tries then lock for the next 30 seconds. The lock should increase by 30 seconds each time the user enters wrong credentials after three tries.
2. Main page
   - In this page, there will be a Menu Bar at the top of the page, a textbox in the middle of the page and a button "Submit" at the right bottom corner of the page. User enters the amount in numbers in the textbox and clicks on submit then routed to the "Invested" Page.
3. "Invested" page
   - This page should show a checkboxes list with items: [GOLD, SILVER, STOCKS, ETFs, MUTUAL FUNDS, BITCOIN] and each element should have a blank textbox to enter the subamount.
   - Calculate the percentage of each subamount out of the amount entered in the main page. The amount entered in the Main page should be displayed at the top right corner of the page under the menu bar. And a “Next” button should route to the next page "Goals" page.
   - A transaction should be created in a table with the column names ‘Plan Name’, ‘Amount’, ‘Percentage’ and The subamount should be added in the Total amount in the ‘Totals’ section only when the user clicks the “Finish” button in the “Goals” page.

4. “Goals” page
   - This page also contains checkboxes list with items: [Marriage, Sister Marriage, Umrah Trip, Car, Emergency] and each element should have a blank textbox to enter the subamount.
   - Calculate the percentage of each subamount out of the amount entered in the main page. The amount entered in the Main page should be displayed at the top right corner

of the page under the menu bar. There should be a “Finish” button at the bottom of the page, and the user has to click this button in order to save the data, entered in both the “Invested” and “Details” page, to the Database.

- A transaction should be created in the database table with the column names Goal Name, ‘Amount’, ‘Percentage’ and the subamount should be added in the Total amount in the ‘Totals’ section after the user clicks on the “Finish” button.
- A button “Back to main page” on the bottom left corner should route back to the main page.
- If the user clicks on “Back to main page” or Logout button without clicking the “Finish” button, the transaction should be aborted or the details should not be saved into the database.

5. Menu bar
    - Menu bar should be on every page. It should contain the “Profile” section, “Totals” section, “Edit Master” section, “Transaction History” section, and a “Logout” button.
    - When a user clicks any menu bar item, rather than routing to a different page, a card with a little margin on all sides should be opened with the requested corresponding details in it. The card should have a close button. When the user clicks the close button, the card should be closed and returned to where the user was there before opening the Menu bar item.

6. “Profile” section
    - This section contains profile information, when the user clicks, just display the username in the middle of the page.
7. “Totals” section
    - This section should contain all the totals of the Invested amounts and Goals amount.
    - When a user clicks on this section, it should provide 2 options:
      1. Invested details
      2. Goals details
    - When the user selects Invested details, it should open the “Invested details” page.
    - “Invested details” page: This page should contain a table with columns “Plan Name”, “Total Amount Invested”, “Percentage in Total amount”. In the top right corner, the total amount invested till now should be shown.
    - “Goals details” page: This page should contain a table with columns “Goal Name”, "Total Amount Invested”, “Percentage in Total Amount”. In the top right corner, the total amount Invested should be shown

8. “Edit Master” section:
    - In this section, a user should be able to add or remove rows in Tables of “Totals section”.
9. “Transaction History” page:
    - When the user clicks this, it should provide 2 options:
        - 1. Invested details
        - 2. Goals details

- This page should have a table of transaction history with columns: “Transaction”, “Time stamp”. If opened with the “Invested details”, “Invested” page transactions should be shown. If opened in the “Goals details”, “Goals” page transactions should be shown.

10. “Logout” button will log the user out and routes back to the Login page. Now

Example Scenarios:
Scenario 1:
- User logs in.
- User enters the amount: ‘1000’ in the Main page and clicks submit.
- *“Invested” page opens*
- User checks GOLD and SILVER, and enters amounts respectively in the blanks; GOLD: 500, SILVER: 500.
- *A transaction gets created and stored in the DB table like this*
- And the same should be displayed in the Transaction page when the user clicks the “Transaction history” menu item.
- The entered amount should be added to the total amount invested and should be reflected in the ”Totals” page when the user clicks the “Totals” menu item.
- User then clicks the next button.
- *Goals page opens.*
- User checks MARRIAGE and CAR options and enters the amount in the blanks; MARRIAGE: 500, CAR: 500.
- Then the user clicks the ‘Finish’ button. The two transactions get created/stored in the DB table and the amount gets added into the Total Invested Amount which gets reflected in the “Totals” section.
- The two transactions look like this in DB table and in the Transaction History when requested:

  Invested Details table

| **Transaction** | **Time stamp** |
|---|---|
| Gold: 500, Silver: 500 | 25-01-2025 T 14:00:12 |

  Goals details table

| **Transaction** | **Time stamp** |
|---|---|
| MARRIAGE: 500, CAR: 500 | 25-01-2025 T 14:01:19 |

- User then clicks the “Back to the main page” button.
- User’s now on the main page.
- Now the user wants to check the total amount of invested details and clicks on the totals section of the menu bar and selects “Invested details”.
- A card should be opened in the same page and he should be able to see a table like this:

Total Amount Invested: 1000

| Plan Name | Amount | Percentage |
|---|---|---|
| Gold | 500 | 50 |
| Silver | 500 | 50 |
| Stocks | 0 | 0 |
| Mutual Fund | 0 | 0 |
| Bitcoin | 0 | 0 |

- Then user selects Goals details and the card should contain a table like this

Total Amount Invested: 1000

| Gial Name | Amount | Percentage |
|---|---|---|
| Marriage | 500 | 50 |
| Sister marriage | 0 | 0 |
| Umrah Trip | 0 | 0 |
| Car | 500 | 50 |
| Emergency | 0 | 0 |

- User now clicks on the close button.
- *Returns to the Main page.*
- User now want to enter more amount, enters 1500, and clicks submit.
- “Invested” page opens.
- User checks GOLD,  STOCKS, and BITCOIN and enters amounts respectively in the blanks; GOLD: 500, STOCKS: 500, BITCOIN: 500.
- *A transaction gets created and new row is added in the DB table when the user clicks the “Finish” button in goals page and it looks like this*

Invested details table

| **Transaction** | **Time stamp** |
|---|---|
| Gold: 500, Stocks: 500, Bitcoin: 500 | 25-01-2025 T 14:10:14 |

- And the same should be displayed in the Transaction page in list of transactions when requested, and the table will look like this

| **Transaction** | **Time stamp** |
|---|---|

| | |
|---|---|
| Gold: 500, Silver: 500 | 25-01-2025 T 14:00:12 |
| Gold: 500, Stocks: 500, Bitcoin: 500 | 25-01-2025 T 14:10:14 |

- Note that the recent transaction has been added to the table.
- The entered amount should be added to the total amount invested and should be reflected in the ”Totals” page when the user clicks the “Totals” menu item.
- User then clicks the next button.
- *Goals page opens.*
- User checks MARRIAGE and EMERGENCY options and enters the amount in the blanks; MARRIAGE: 1000, EMERGENCY: 500 and clicks on the “Finish” button.
- A transaction gets created and a row will be added in the DB table like this:

  Goals details table

  | **Transaction** | **Time stamp** |
  |---|---|
  | MARRIAGE: 1000, EMERGENCY: 500 | 25-01-2025 T 14:11:11 |
- If user clicks on Transaction history button, Transaction history page should be open and the table will look like this

| **Transaction** | **Time stamp** |
|---|---|
| MARRIAGE: 500, CAR: 500 | 25-01-2025 T 14:01:19 |
| MARRIAGE: 1000, EMERGENCY: 500 | 25-01-2025 T 14:11:11 |

- Note that the recent transaction has been added to the table.
- User then clicks the “Back to the main page” button.
- User now on the main page.
- Now if the user clicks on the totals section of the menu bar and selects Invested details.
- He should be able to see a table like this:

  Total Amount Invested: 2500

  | Plan Name | Amount | Percentage |
  |---|---|---|
  | Gold | 1000 | 40 |
  | Silver | 500 | 20 |
  | Stocks | 500 | 20 |
  | Mutual Fund | 0 | 0 |
  | Bitcoin | 500 | 20 |

- Then user selects Goals details and the page should contain a table like this:

Total Amount Invested: 2500

| Goal Name | Amount | Percentage |
|---|---|---|
| Marriage | 1500 | 60 |
| Sister marriage | 0 | 0 |
| Umrah Trip | 0 | 0 |
| Car | 500 | 20 |
| Emergency | 500 | 20 |

- User then clicks the close button.
- Then click the logout button. Routes to the login page.

And vice versa, each time user logs in to the portal, enters amount and clicks Finish, the amount and percentage should be updating and transactions should be created.