

Iteration one(Revised)

Team: 4 amigos

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Trello link: <https://trello.com/b/GXCvTyOf/4-amigos>

Web: <https://www.your4amigos.com/>

Git: <https://github.com/YzkGao/CSI-3471-team-project-4-amigos-.git>

Content

Use Case	-----3
System Sequence Diagram	-----13
Domain Diagram	-----25
Gantt Diagram	-----26
Requirements Matrix	-----27
Timecard	-----28
Trello	-----29
UI Design	-----30

Use Case

ID:	UC-10
Title:	Edit Table
Description:	This use case lets user to edit table (Each row)
Primary Actor:	User
Preconditions:	Users is already open the view page Users is going to select one row and edit it
Postconditions:	The select row information have updated.
Main Success Scenario:	<ol style="list-style-type: none">1. Display view page2. Display the table3. Users select one row of table to edit4. Users click edit button<ol style="list-style-type: none">4.1 Display the editing frame.4.2 Display the information of select row5. Users edit6. If the editing information is correct<ol style="list-style-type: none">6.1 Users click the done button6.2 Display information6.3 Display view page and table7. If the editing information is wrong<ol style="list-style-type: none">7.1 Users click the back button7.2 Display view page and table8. Repeat the steps 3-9
Extensions:	None

ID:	UC-7
Title:	Event filter
Description:	It allow the user to apply a event filter to minimize the table contents when the user is viewing the table through view page.
Primary Actor:	User
Preconditions:	Users is on the view page to view the record table. The record table is generated.
Postconditions:	The record table will be updated and minimized.
Main Success Scenario:	<ol style="list-style-type: none"> 1. User click the event filter menu <ol style="list-style-type: none"> 1.1. The event filter will display 1.2. User click one event filter option 2. Display the updated table
Extensions:	<ol style="list-style-type: none"> 1.3 User decides to not click a certain option 2.1 Keep displaying the original table

ID:	UC-1
Title:	Main page to add page
Description:	This use case lets a customer to go to add page from the main page (For add an accounting record.)
Primary Actor:	User
Preconditions:	Users is already open the main page Users is going to add new record.
Postconditions:	Users at the add page and already to add an accounting record
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users open the Main page. <ol style="list-style-type: none"> 1.1 Main page will display 1.2 Add button and view button will display 2. Users click the add button from the Main page <ol style="list-style-type: none"> 2.1 Add page will display 3. If Users do not want to add an accounting record <ol style="list-style-type: none"> 3.1 Users can click the back button from the add page 3.2 Main page will display 4. If Users want to add an accounting record <ol style="list-style-type: none"> 4.1 Users enter information 5. Repeat steps 2-4 6. If users want to do exit <ol style="list-style-type: none"> 6.1 user click button of exit 7. If users want to view page <ol style="list-style-type: none"> 7.1 user click to view
Extensions:	<ol style="list-style-type: none"> 6.1.1 users click the button of exit (Exit the software) 7.1 users click the button of view (go to view page)

ID:	UC-2
Title:	Main page to view page
Description:	This use case lets a customer to go to view page from the main page (For view some accounting records.)
Primary Actor:	User
Preconditions:	Users is already open the main page Users is going view some records.
Postconditions:	Users at the view page and already to view an accounting record
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users open the Main page. <ol style="list-style-type: none"> 1.1 Main page will display 1.2 Add button and view button will display 2. Users click the view button from the Main page <ol style="list-style-type: none"> 2.1 view page will display 3. Users select the range of date <ol style="list-style-type: none"> 3.1 display the accounting records 4. Repeat steps 3 5. Users click the back button to Main Page <ol style="list-style-type: none"> 5.1 display the Main page 6. If users want to do exit <ol style="list-style-type: none"> 6.1 user click button of exit 7. If users want to add page <ol style="list-style-type: none"> 7.1 user click to add
Extensions:	<ol style="list-style-type: none"> 6.1.1 users click the button of exit (Exit the software) 7.1 users click the button of add (go to add page)

ID:	UC-3
Title:	Select data range from calendar
Description:	This use case lets user select year and month to view all accounting records that month.
Primary Actor:	User
Preconditions:	Users is already open the view page Users is going to select data and view some accounting records
Postconditions:	Users viewed accounting records
Main Success Scenario:	<ol style="list-style-type: none"> 1.Display the view page 2.Display the calendar 3.Users select the year 4.Users select the month 5.If data is correct <ol style="list-style-type: none"> 5.1 Users click the next button 5.2 Display the table 5.3 Repeat step 5 6.If users do not view table <ol style="list-style-type: none"> 6.1 Users click the back button 6.2 Display the main page
Extensions:	None

ID:	UC-9
Title:	Show table
Description:	It will show the table that has a given range from the user.
Primary Actor:	User
Preconditions:	The user has selected a date range and click next button to generate the table.
Postconditions:	The record table will be updated and minimized.
Main Success Scenario:	<ol style="list-style-type: none"> 1. User clicked the next button from calendar page. 2. Display the record table.
Extensions:	<ol style="list-style-type: none"> 2.1 If no data in the given range, then display “no record”

ID:	UC-8
Title:	type filter
Description:	It allow the user to apply a Type filter to minimize the table contents when the user is viewing the table through view page.
Primary Actor:	User
Preconditions:	Users is on the view page to view the record table. The record table is generated.
Postconditions:	The record table will be updated and minimized.
Main Success Scenario:	<ol style="list-style-type: none"> 1. User click the type filter menu <ol style="list-style-type: none"> 1.1. The type filter will display 1.2. User click one type filter option 2. Display the updated table
Extensions:	<ol style="list-style-type: none"> 1.3 User decides to not click a certain option 2.1 Keep displaying the original table

ID:	UC-4
Title:	Add amount from add page
Description:	Open amount dialog for user, user will enter
Primary Actor:	User
Preconditions:	Users is already open the Add page Users want to enter an amount.
Postconditions:	System stores the amount System print the amount on the sceeen
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users click the amount button. <ol style="list-style-type: none"> 1.1 Amount dialog show up. 2. Users enter number by the number button <ol style="list-style-type: none"> 2.1 Number enter will display 3. Repeat steps 2, Until Users click enter <ol style="list-style-type: none"> 3.1 number will be recorded as amount 4. Close amount dialog 5. Show amount on add page
Extensions:	<ol style="list-style-type: none"> 6.1.1 users click back button to back to add page anytime

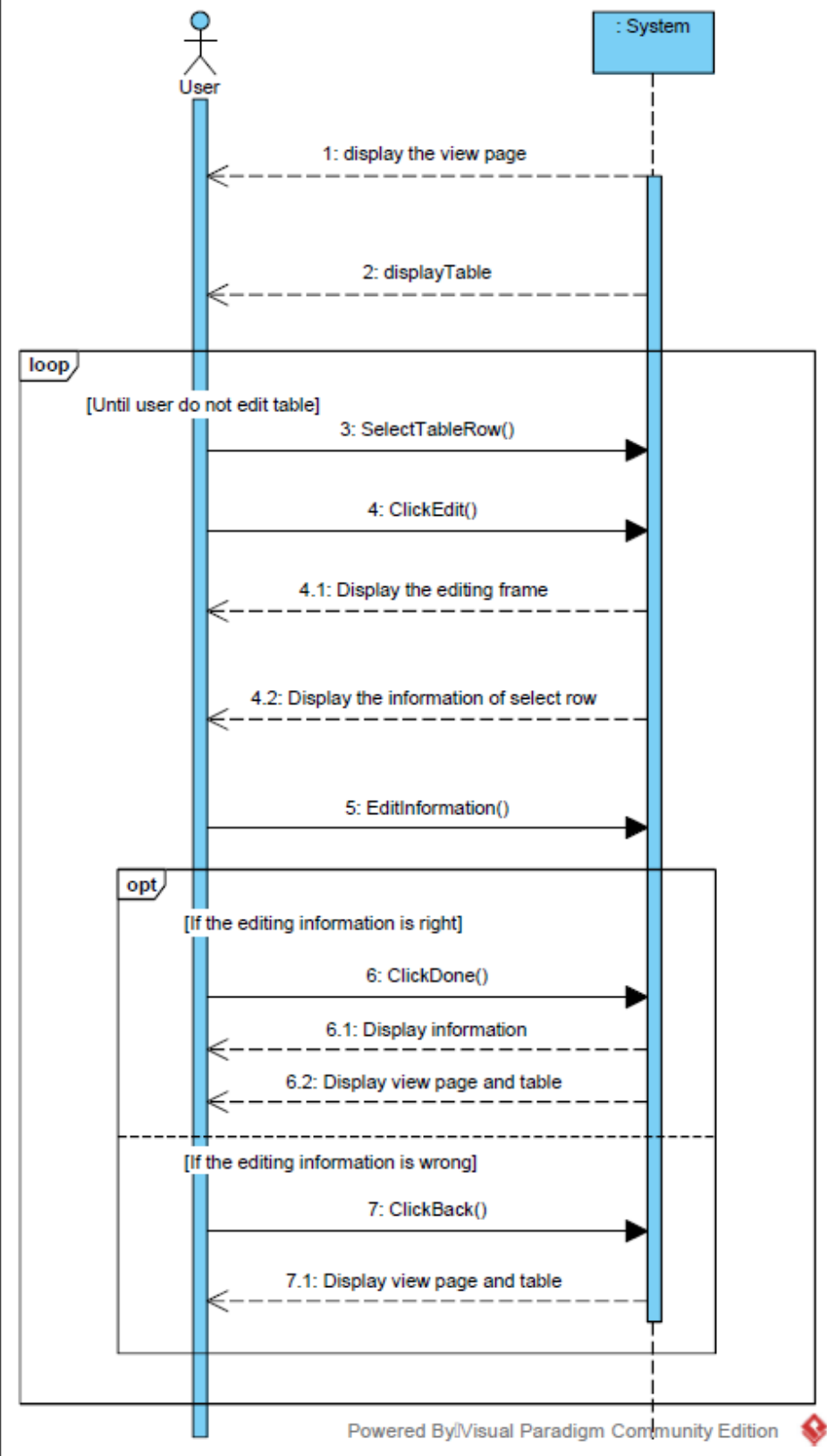
ID:	UC-5
Title:	Add a record
Description:	Add a record provide by user
Primary Actor:	User
Preconditions:	Users want to add a record. Users know the information for this record
Postconditions:	System store and add the record to database
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users click the Add button. <ol style="list-style-type: none"> 1.1 Add Page open. 1.2 Show add page to user 2. Users enter sequence of information 3. Users click add button <ol style="list-style-type: none"> 3.1 System add record to database with information 4. Close add page 5. show main page
Extensions:	6.1.1 users may add comment to this expense.

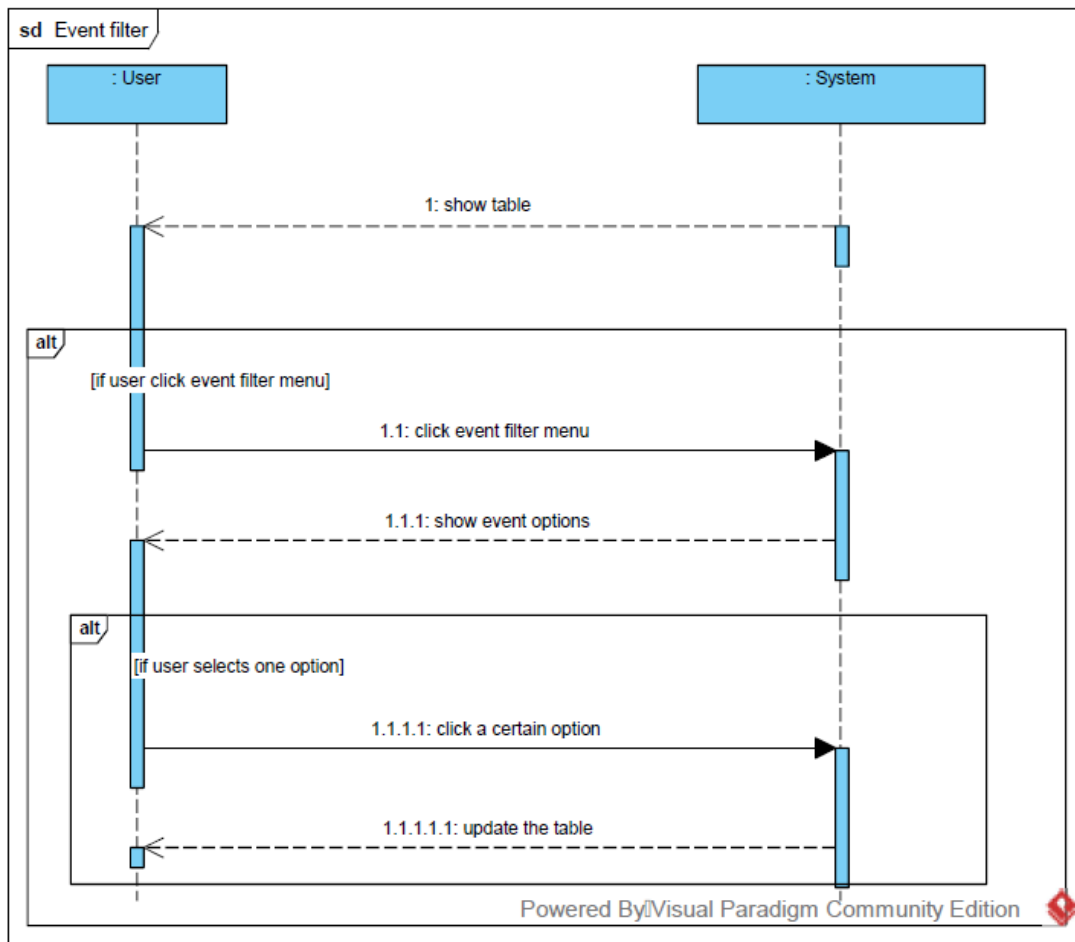
ID:	UC-9
Title:	Delete record
Description:	Delete a select record for user
Primary Actor:	User
Preconditions:	Users is already open the accounting table Users want to delete a record
Postconditions:	System remove the selected record
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users will select record 2. Users click delete button <ol style="list-style-type: none"> 2.1 System as for confirmation of delete 3. User click "Yes" 4. Remove the selected record.
Extensions:	<ol style="list-style-type: none"> 2.2 No Row was selected by the user <ol style="list-style-type: none"> 2.2.1 Print no row select 2.3 User click "No" <ol style="list-style-type: none"> 2.2 cancel the delete.

ID:	UC-11
Title:	Export table
Description:	System will export a report of records from selected date
Primary Actor:	User
Preconditions:	Users want a csv report.
Postconditions:	A csv file exist on the local computer
Main Success Scenario:	<ol style="list-style-type: none"> 1. Users click the view button. <ol style="list-style-type: none"> 1.1 view Page open. 2. Users click export <ol style="list-style-type: none"> 2.1 File choose open 3. Choose a location on local computer <ol style="list-style-type: none"> 3.1Export the report file
Extensions:	6.1.1 users may cancel export in the file choose.

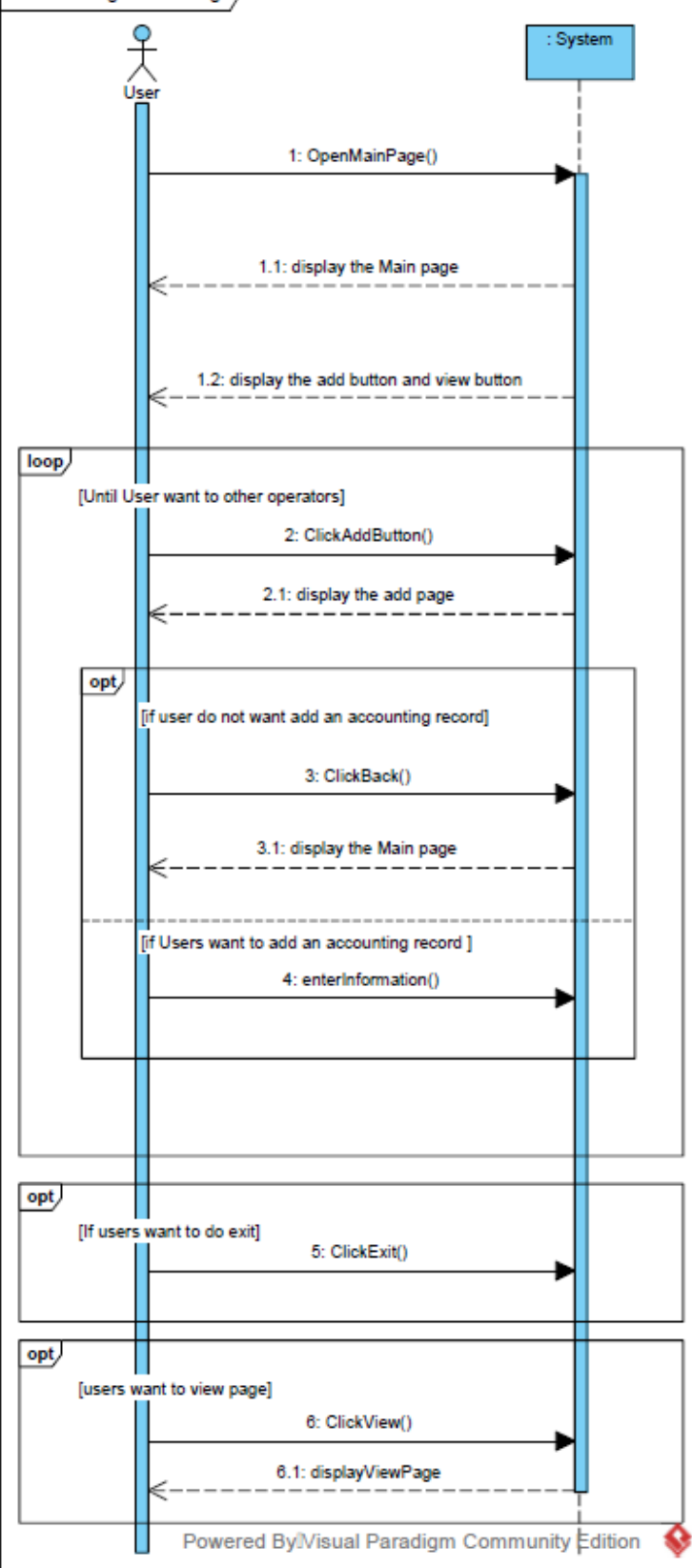
System Sequence Diagram

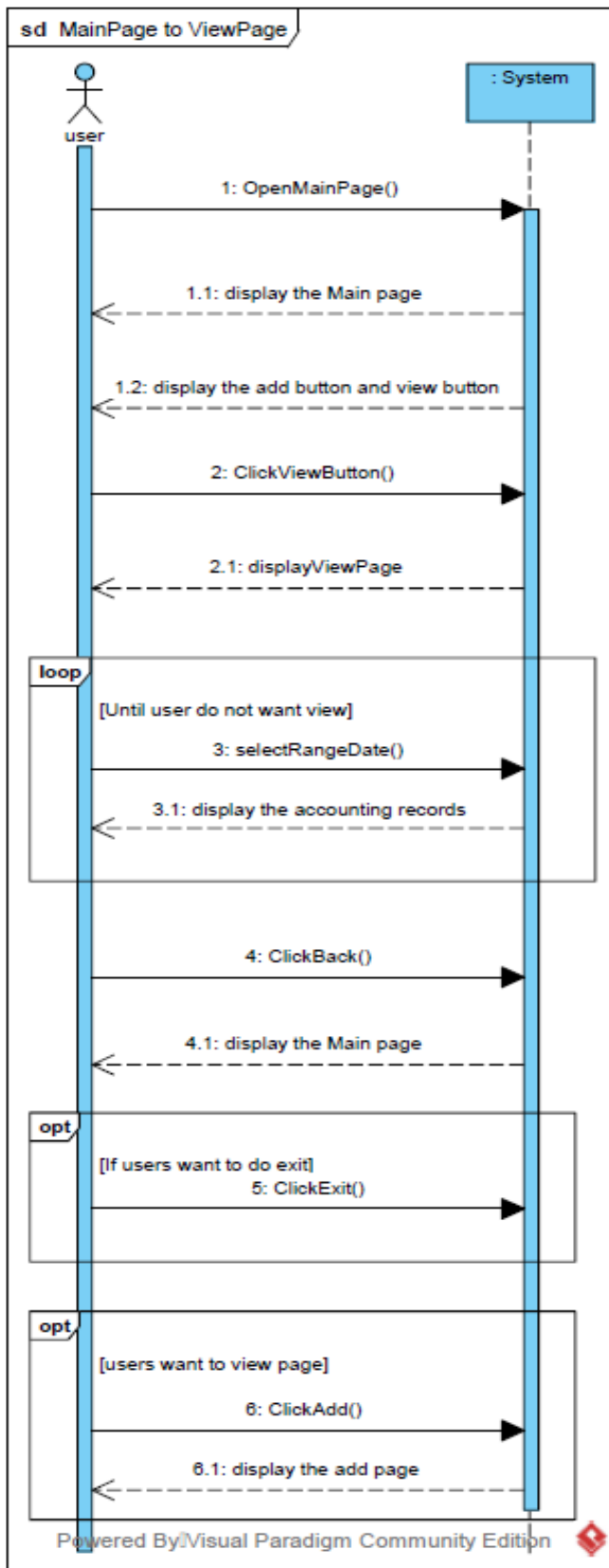
sd edit table



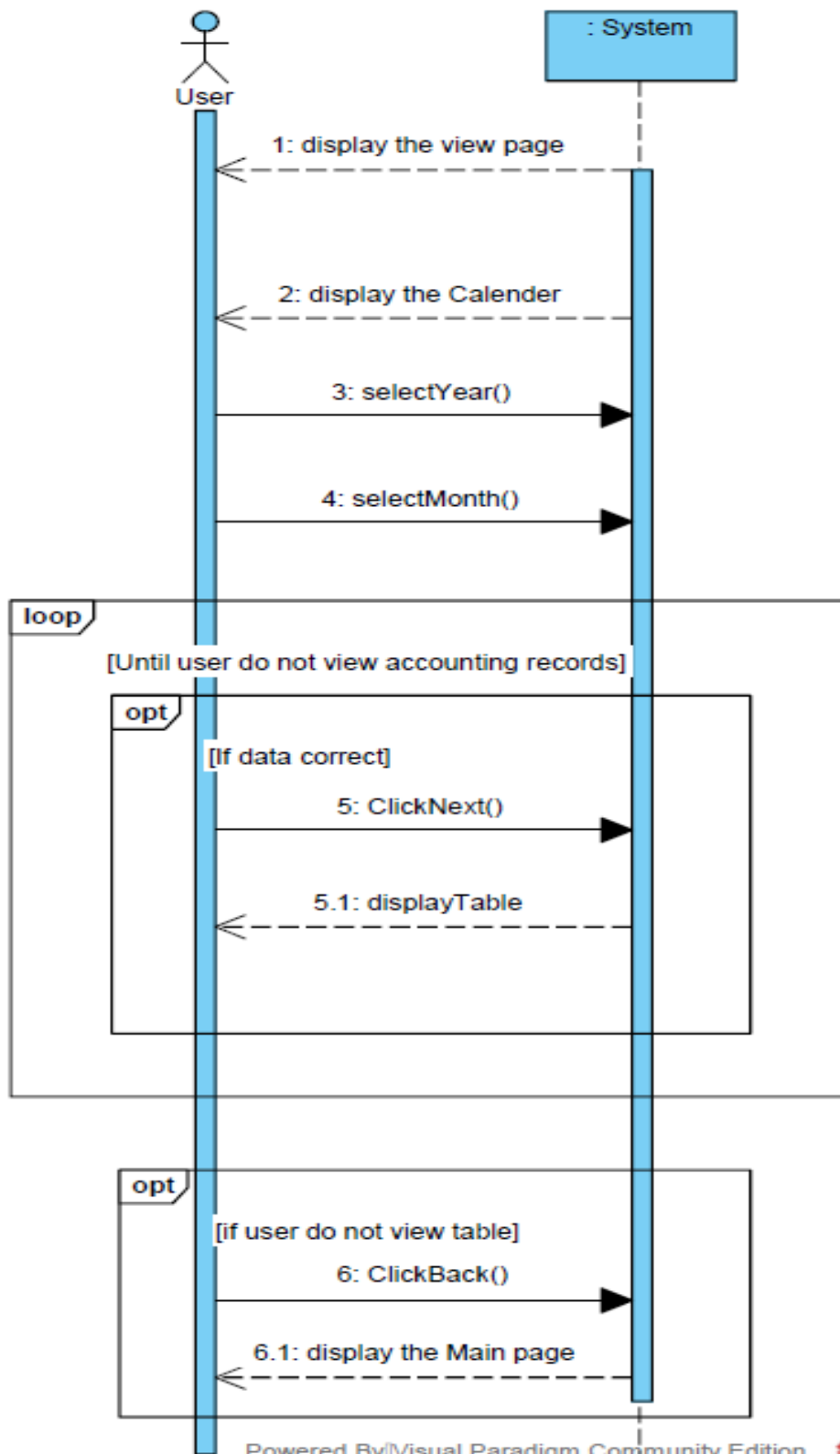


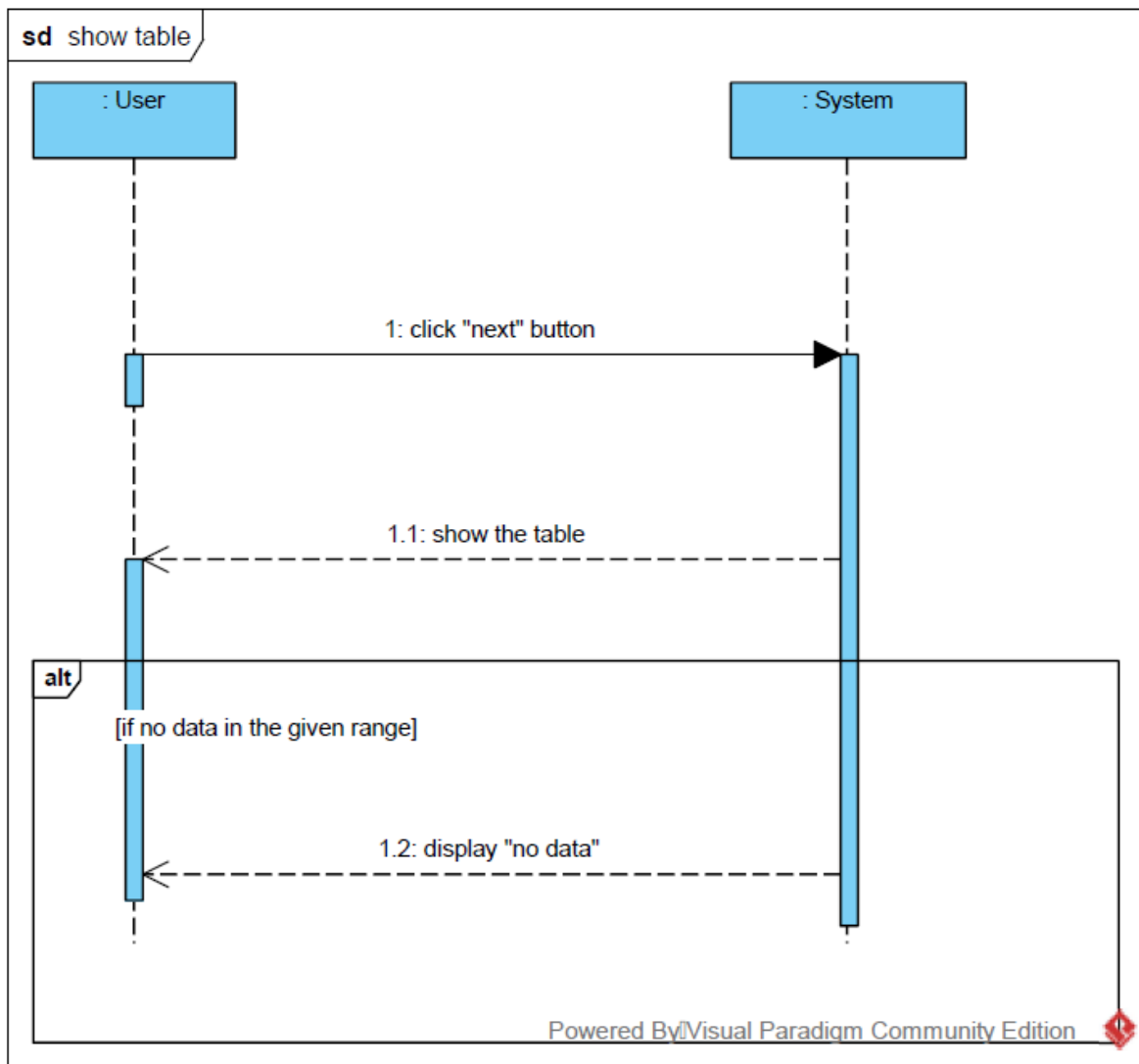
sd MainPage to AddPage

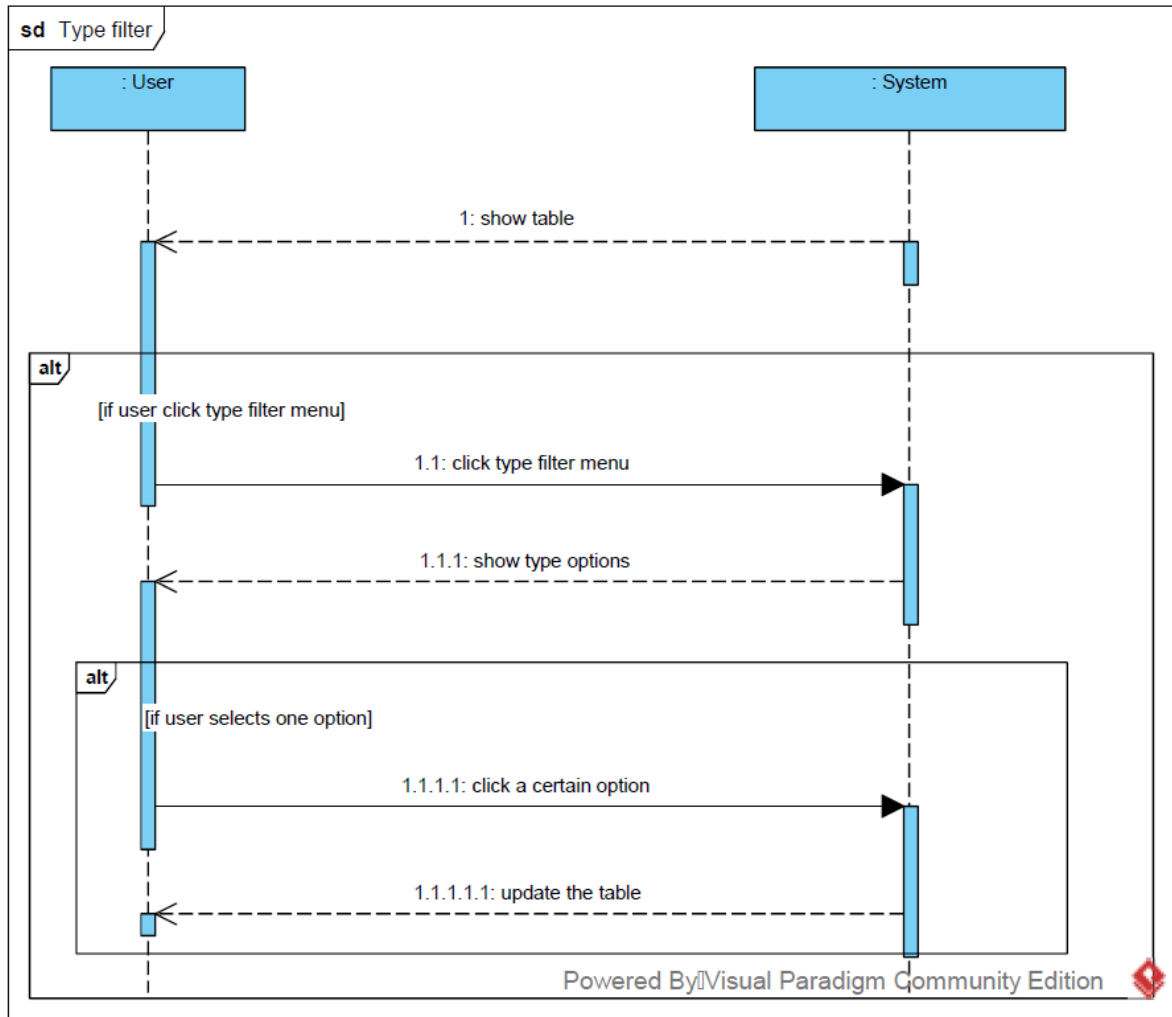




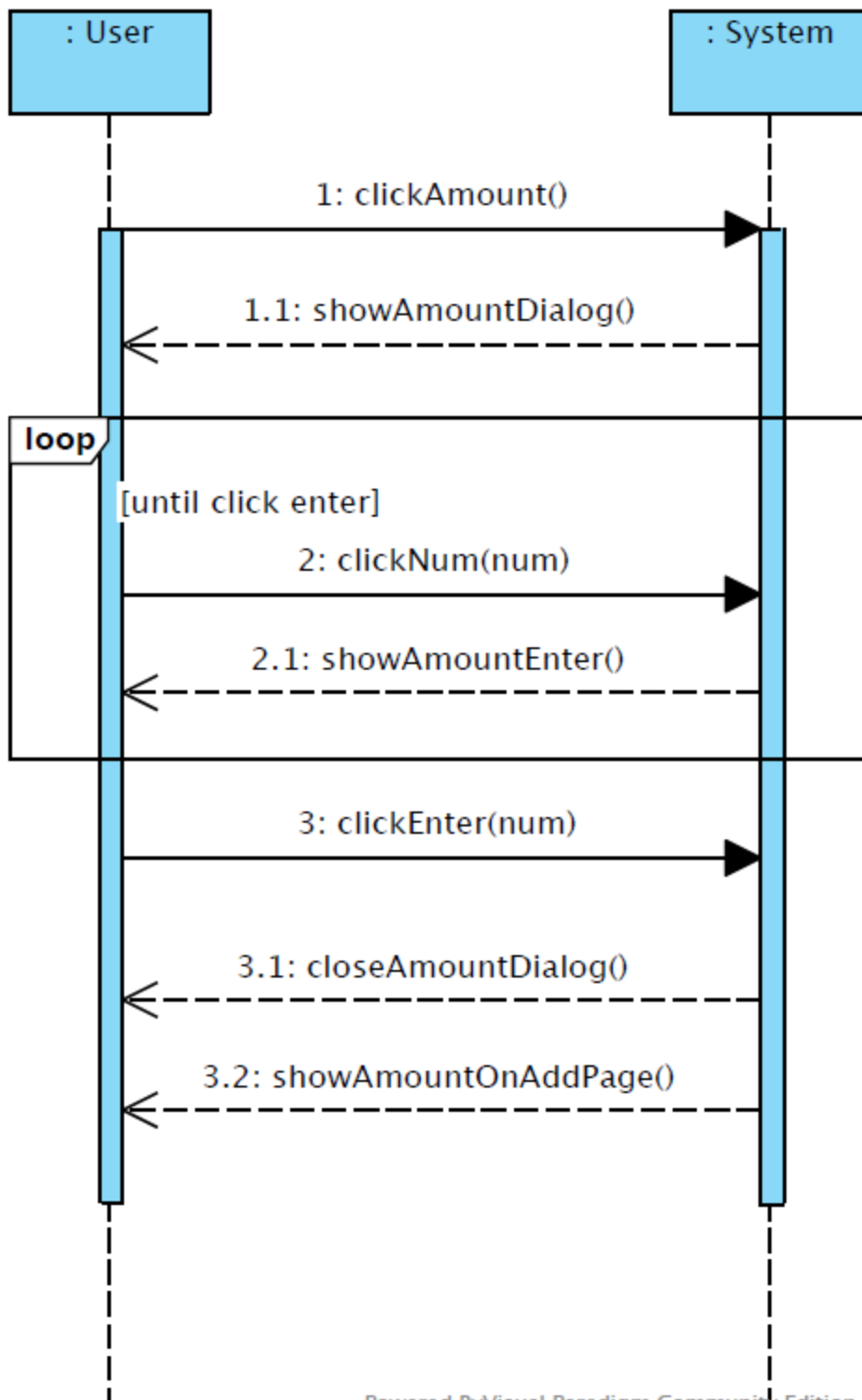
sd Select data range from calendar

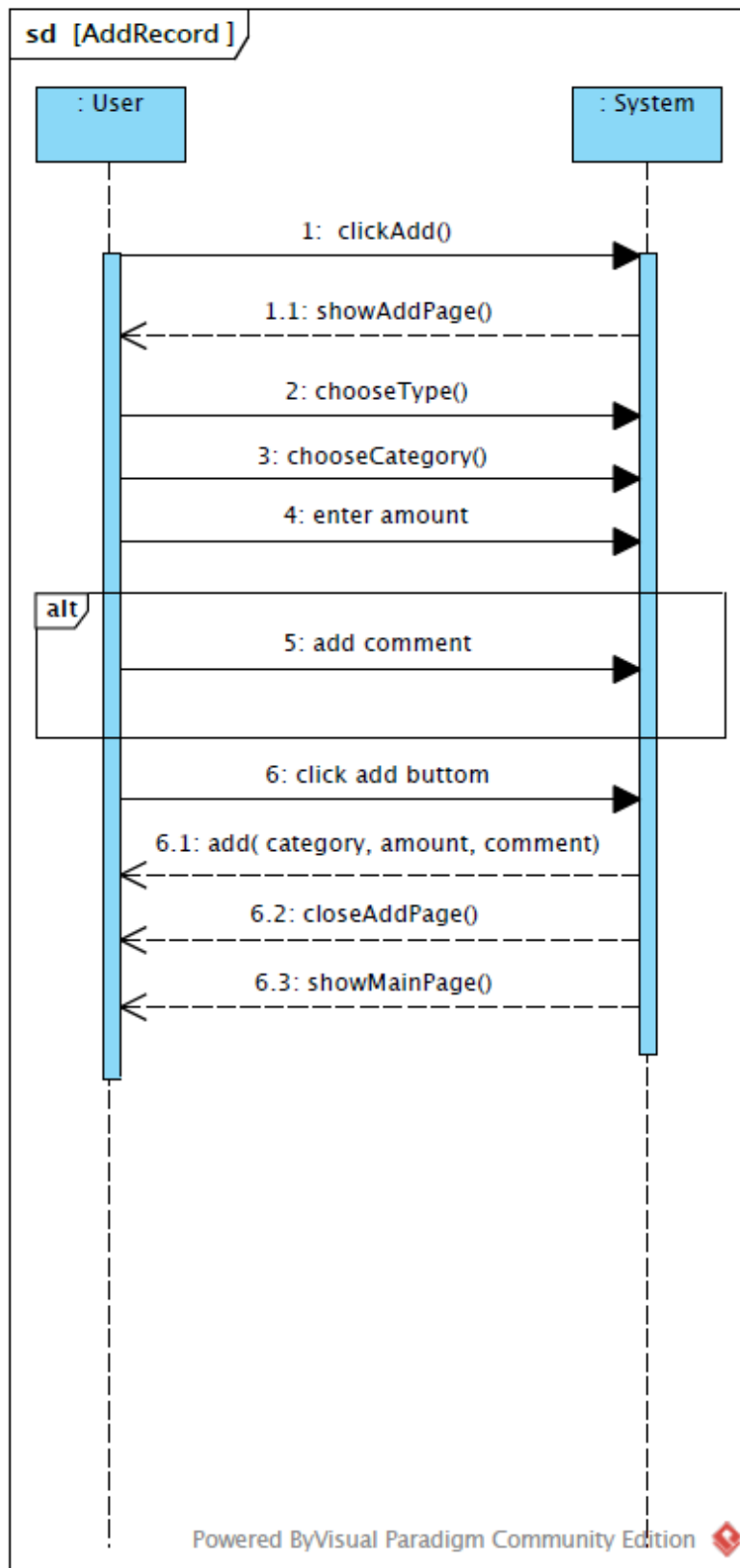


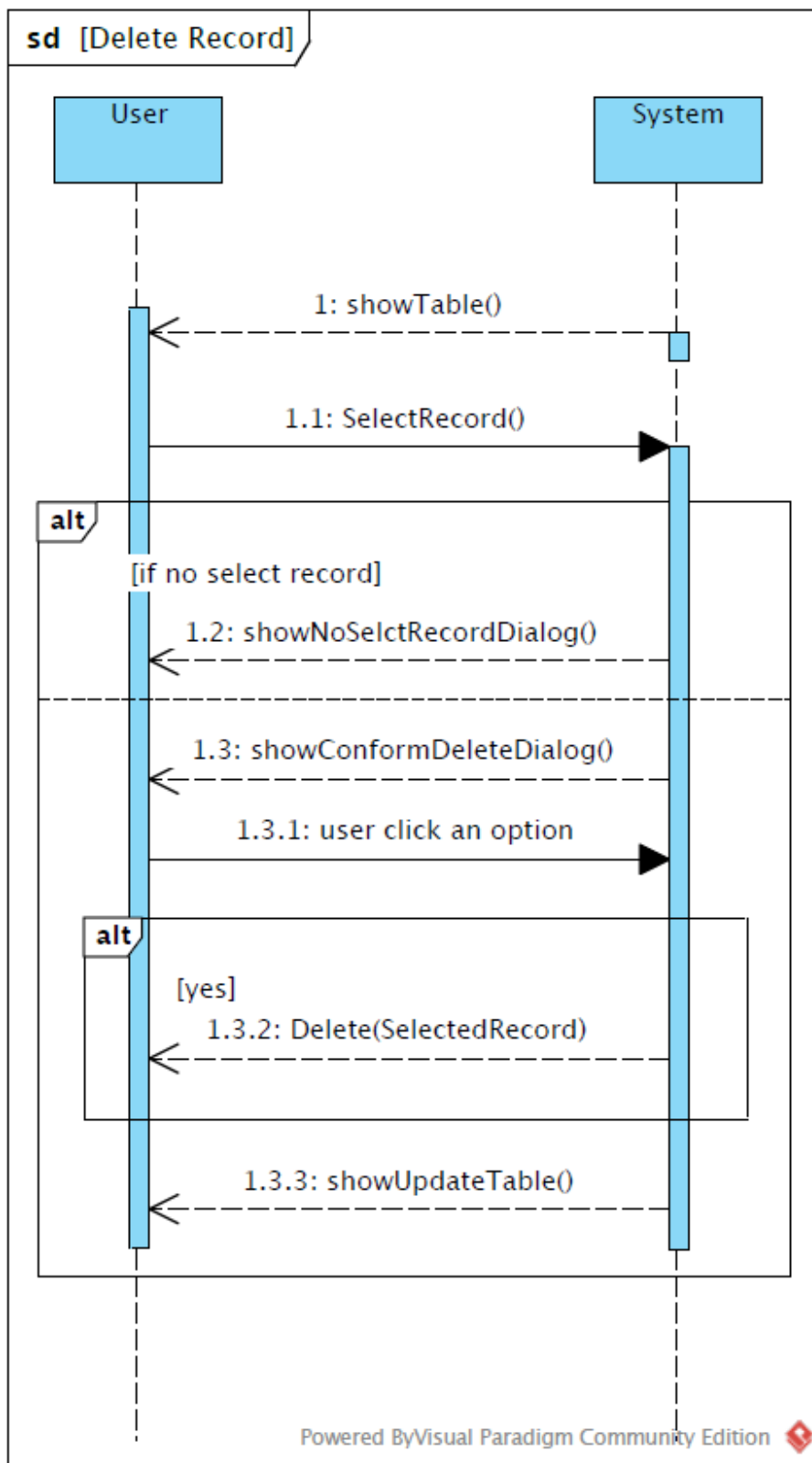


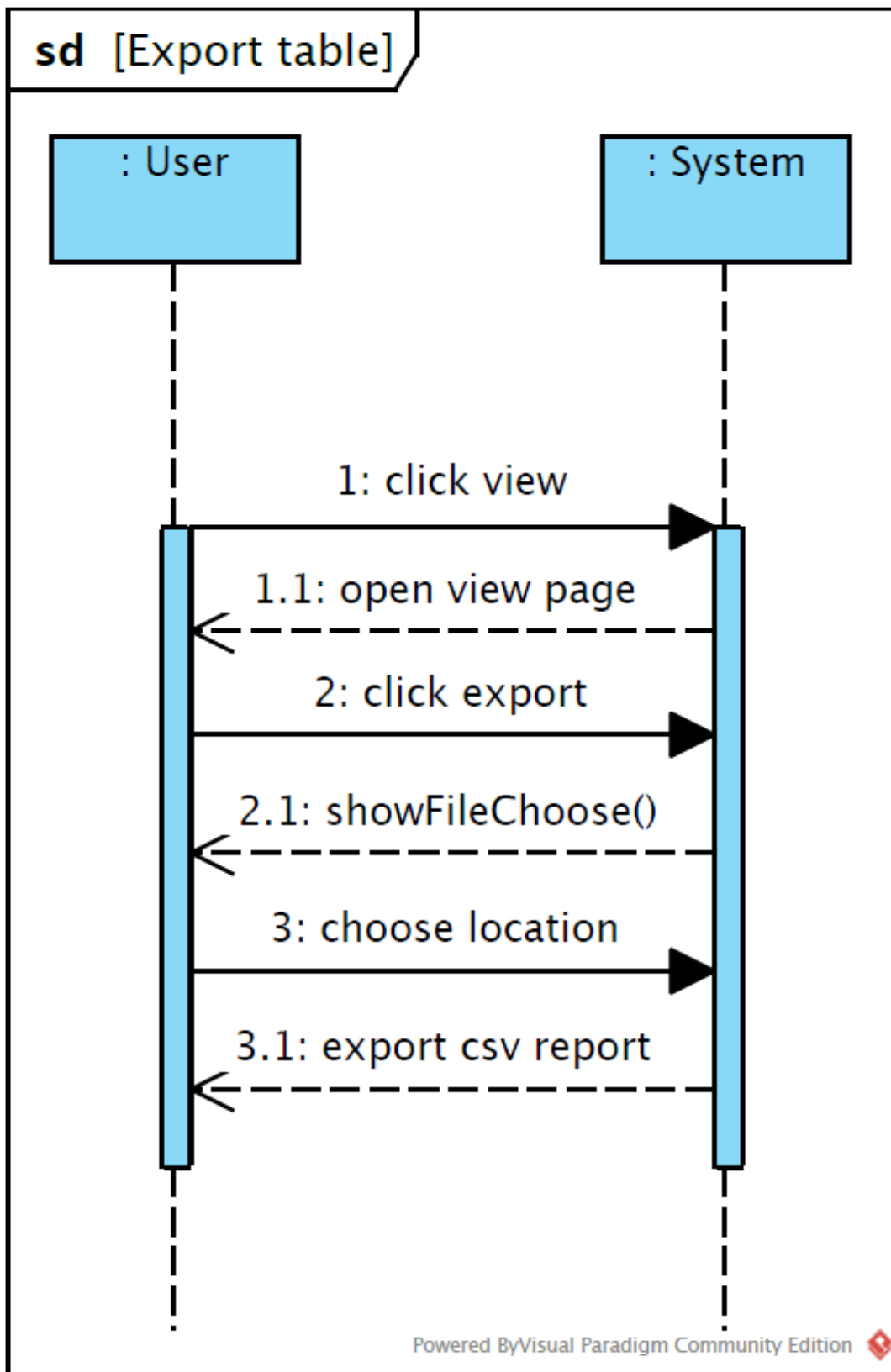


sd [AddAmountFromAddPage]

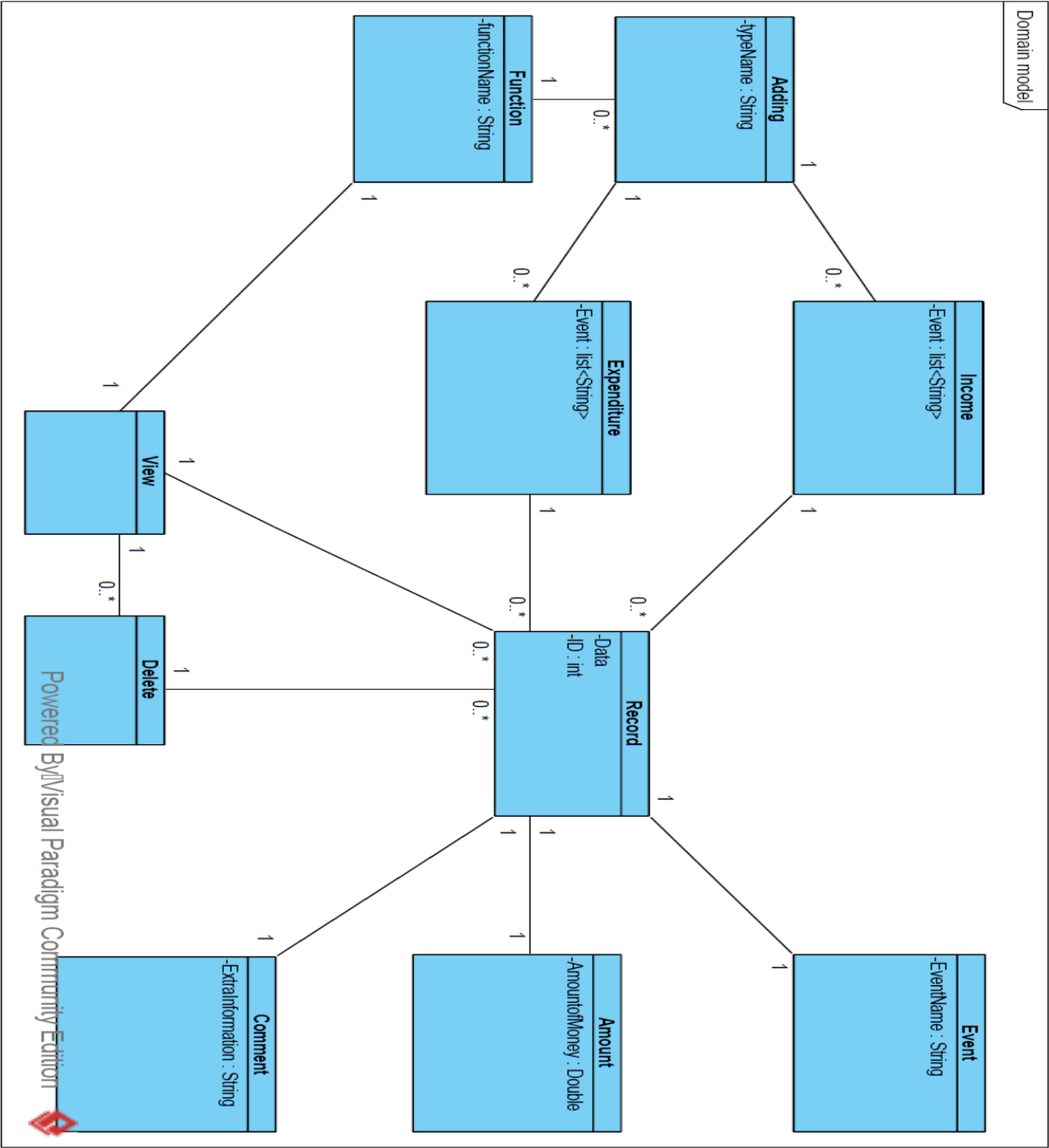




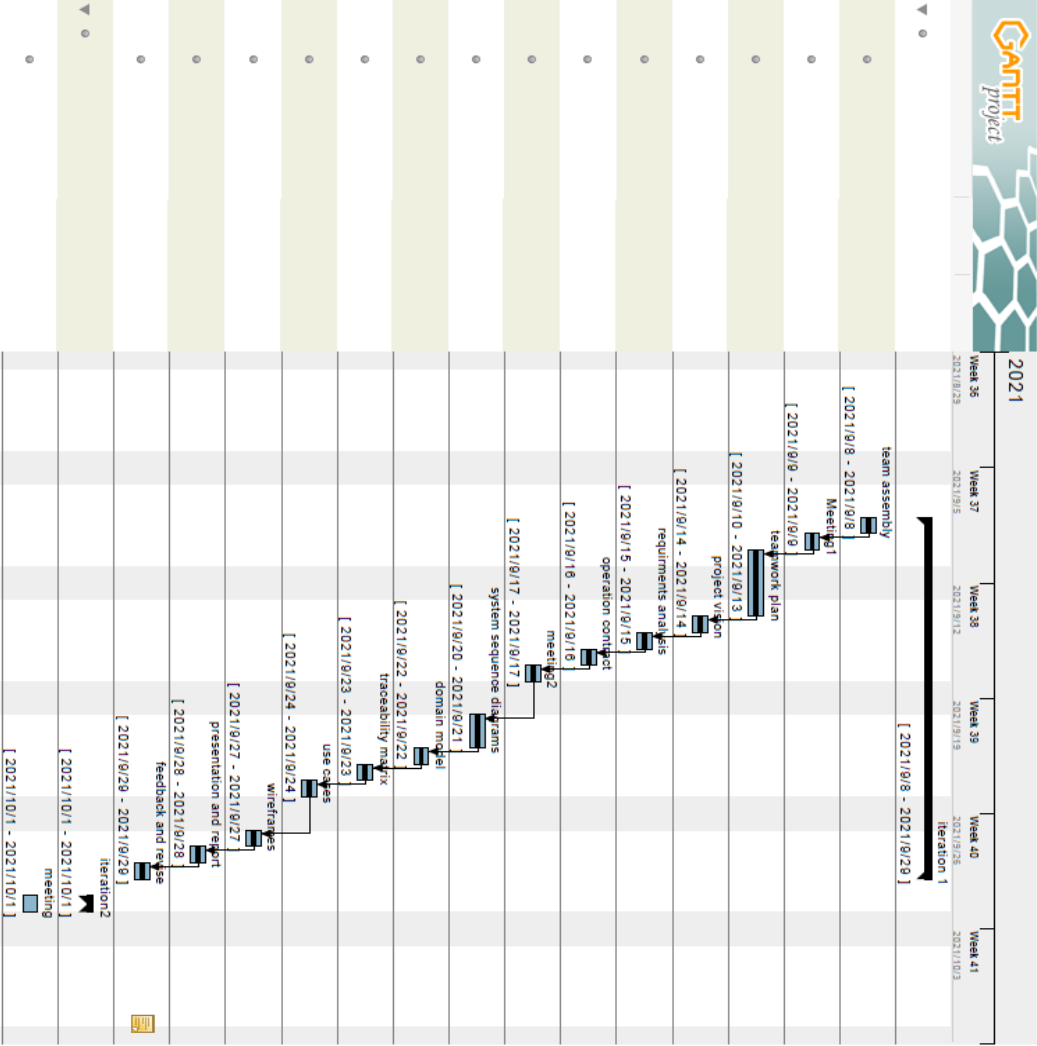




Domain Model



Gantt Chart



Gantt Diagram

Requirements Matrix

	REQ-1 access to database	REQ-2 access to types	REQ-3 access to comment
return main menu	x		
view balance	x		
delete amount	x		
add an income		x	x
add event		x	x

REQ-4 REQ-5 REQ-6
output csv file store record modified database

x

x

x

x

x

x

Timecard

Yangzekun Gao

Time burned: 10 hours

Available time: Every day from 4pm to 11pm

Jingke Shi

Time burned: 9 hours

Available time: Every day from 4pm to 9pm

Maiqi Hou

Time burned: 9 hours

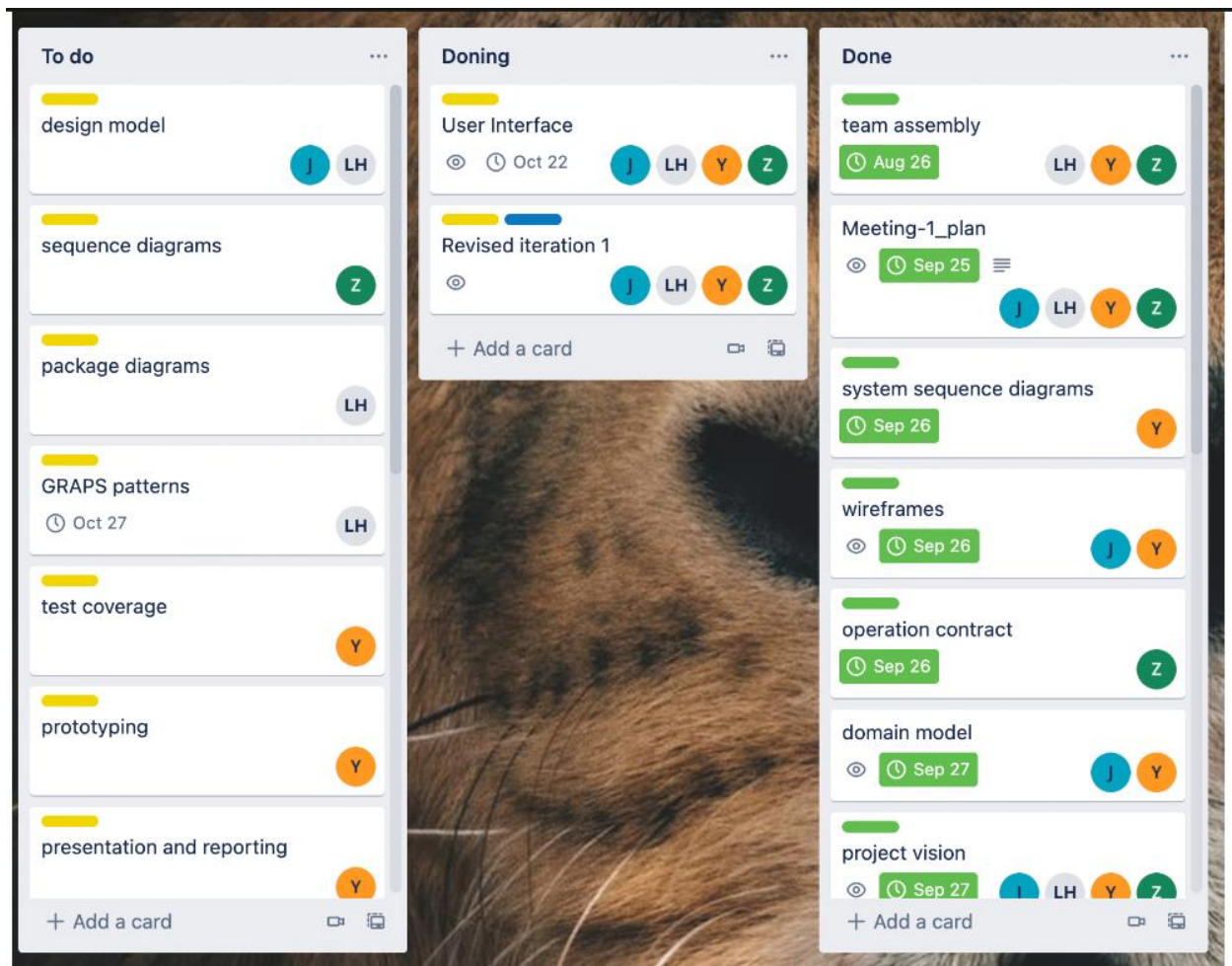
Available time: 4 pm to 6 pm Monday to Saturday.

Zhengyan Hu

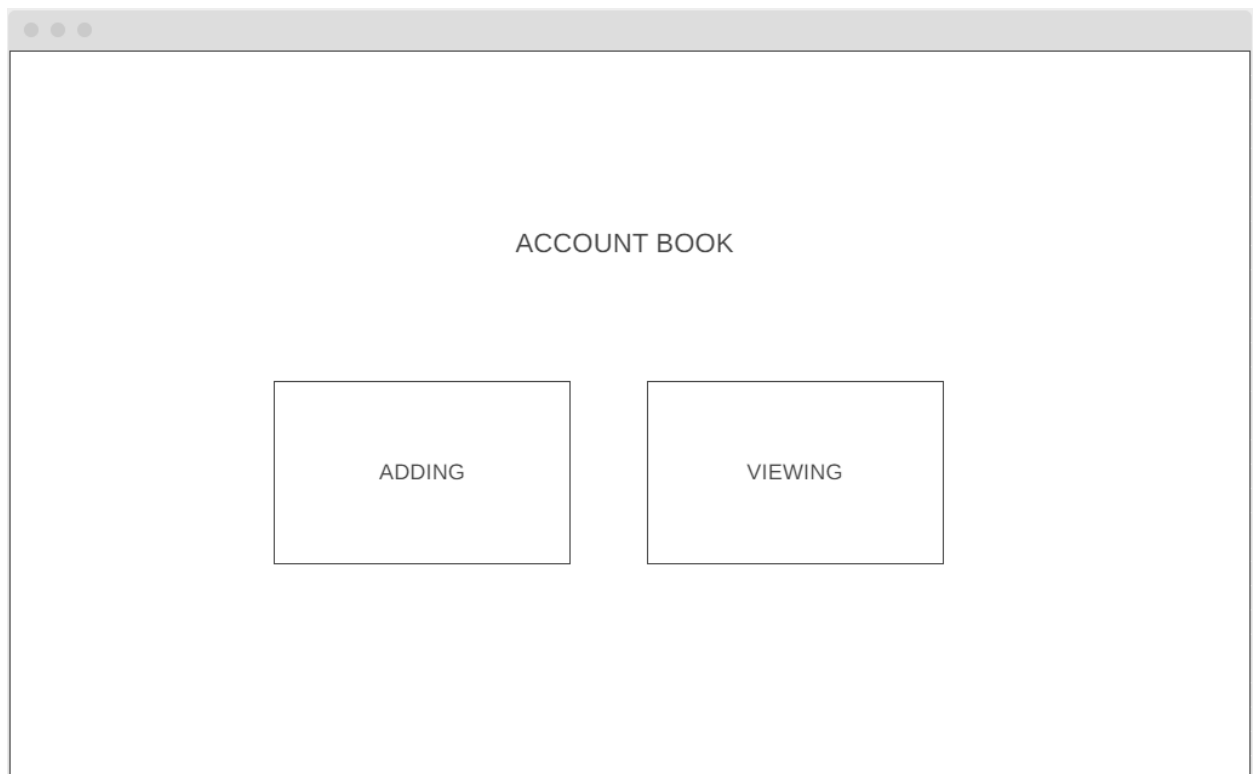
Time burned: 9 hours

Available time: Every day from 4pm to 9pm

Trello



UI Design



travel	shopping					
						other

\$:

comment:

add

back

Month
Balance

\$:

Income

\$:

Expenditure

\$:

Date

MM/YYYY

2/21/2021

travel

//comment

\$: - xxx



2/17/2021

stock

//comment

\$: + xxx



shop

//comment

\$: - xxx



2/19/2021

food

//comment

\$: - xxx



BACK