

Iteration 2

Customer Meeting Summary

Every Wednesday 3 pm last for 1 hour with Tito

03/24/2022 Wednesday (15:03 - 15:35)

- The client required us to put ETA of each task on the tracking spreadsheet.
- We described what we have accomplished this week for the client: completed the data transformation scheme, deployed the demo to the server.
- Then we talked about our plan for this week: completing the demo for the time bar.
- The client reminded us of the possible issue of running speed for the application.

User Stories(including points)

Task	Owner	Status	Description	Poins
user flow design	Yuqing Zhang	Done	the whole user flow design	1.0 points
data format design	wei Wei & chu xi & yuqing zhang	Done	communication data format design	1.0 points for every owner
edit page development	Wei Wei & Youli Zhao	Processing	new edit page development	2.0 points for every owner
index page development	Wei Wei & Youli Zhao	Processing	index page development	2.0 points for every owner
DB table design	Chu Xi & Yuqing Zhang	Done	Db table metadata design as belows	1.0 points for every owner
DB table metadata setup	Ziyan Xiong	Done	Set up DML in different environment	1.0 points for every owner
CRUD api development	Chu Xi & Ziyan Xiong	Processing	Api development in backend server	2.0 points for every owner

New Demo Page

Plannxt Test

scroll the time bar to select corresponding items

edit

save

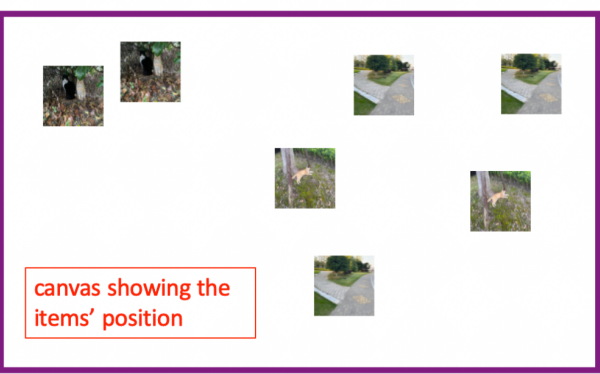
timebar:

8

id	name	start_time	end_time	owner
0	weiwei	0	10	undefined
11	chuxi	11	16	undefined
14	zhang	14	18	undefined
16	desk	8	11	undefined
17	undefined	undefined	undefined	undefined
18	undefined	undefined	undefined	undefined
19	undefined	undefined	undefined	undefined
20	undefined	undefined	undefined	undefined
21	undefined	undefined	undefined	undefined
22	undefined	undefined	undefined	undefined

item table including the detail information about each item

canvas showing the items' position



id: 17

name: undefined

start_time: undefined

end_time: undefined

submit

editing the information for each item

Up till now, most of the actions and features are designed, including dragging and dropping, editing the information of items, adding and deleting items, as well as selecting items by scrolling the time bar.

Next step, we will finish the CSS code and add more features to make the page both look better and perform better.

Finally, the communication between the server and the browser will be built up.

Unit Test Cases

Seed Data Preparation

Attributes	Type	data
id	bigint	1
data	string	"{}"
creator	bigint	1
editors	string	"yuqingzhang"

viewers	string	"yuqingzhang"
create_date	datetime	
update_date	datetime	
extra	string	"{}"

DB Fetch Data Unit Test Case

Assert Get id = 1 row, if the data is equal with "{}"

Assert Get id = 1 row, if the editors is equal with "yuqingzhang"

DB update Data Unit Test Case

After update id = 1, data = "test", assert if data is equal with "test"

Database Design Related && Event Data Format

Table Plan

Attributes	Type	Description
id	bigint	id of plan
data	string	json formatted data
creator	bigint	creator user_id
editors	string	editors id list string
viewers	string	viewers id list string
create_date	datetime	create time
update_date	datetime	updated time
extra	string	back up column

Table User

Attributes	Type	Description
id	bigint	id of user
email	string	email of user
name	string	user name
password	string	for password validation
create_date	datetime	create time
update_date	datetime	updated time

Data Json format

```
{
  "01" : {
    "item_id" : "item_id",
    "name" : "name",
    "start_time" : "start_time",
    "end_time" : "end_time"
  }
  "02" : {
    "item_id" : "item_id",
    "name" : "name",
    "start_time" : "start_time",
    "end_time" : "end_time"
  }
}
```

Updated Design Diagram

