Project Milestone 1 Update - MSC Online Platform

Group Progress Update

At the current stage of development, we are mostly on track with the proposed schedule. There were some minor problems throughout (front-end and back-end) that took longer than we had expected, but they are now mostly resolved. At this point, the details of the back-end setup are complete. Almost all APIs documentation is done, and several APIs have already been implemented on the back-end. All the essential features on the front-end user side, excluding the ones that require front-end and back-end connections, are all implemented. Major functions are implemented in the front-end admin side without the back-end being connected to the CRUD functions; a modal for add & delete functions in ourTeamEdit page is yet to be implemented. Also, the AboutUs page is removed from the admin-side since the contents of the page will not be changed frequently. For the future (maybe as a stretch goal), the front-end will include more features like a search bar or filter will be added to all the tables found in admin-pages for admins to easily look-up an item. The back-end will (maybe as a stretch goal) implement more complicated features, such as saving and editing a VR environment from the admin page.

Link to API Documentation:
https://docs.google.com/spreadsheets/d/1b4XPErknaVPMNBPf7zuzlBbYz6Cvb3ZSYmrM4xtOyqc/edit?usp=sharing

Updated Schedule

Complete   In Progress   To Do New Completion Date

Date	Milestone	Assigned To	Task
October 16	1	Haseung Lee	[API] Create the excel document that will have the list of API and details.
October 19	1	Everyone	[Frontend] Manage Subscribers section (Admin Side) done - *David* [Frontend] Implement Search Bar in Collections page - *Daekyung* [Backend] Start CRUD API for Subscribers section - *Haseung*
October 21	1	Haseung Lee, Daekyung Kim	[Frontend] Implement Filtering with Tabs in Collections page - *Daekyung* [Backend] Create models for the data. [API] Add CRUD API for the models

October 23	1	Everyone	[Frontend] Complete Web Analysis Section (Admin Side) - *David* [Frontend] Implement VR feature in About Us page and 360-degree view implementation in each product modal - *Daekyung* [API] Start creating more complicated API calls as well - *Haseung*
October 26	1	Everyone	[Frontend] Implement Translation (Plan B - Google Translate API) - *Daekyung* [Backend] Should be in the process of implementing the rest of the API - *Haseung*
October 30	2	Everyone	[Frontend] Our Team (Admin Side) modals completed - *David* [Frontend] Log-In (i.e., Find password function) implemented - *Daekyung* [Backend] Implement CRUD API - Haseung Bugs fix - *Everyone*
Nov 2	2	Everyone	[Frontend] Check User Side and Admin Side Data Transaction - *Daekyung & David* [API] Completed (Or almost completed) excel document with all required API - *Haseung*
Nov 5	3	MSC	[Frontend] Should be complete - *David & Daekyung* [Backend] Should be complete - *Haseung* Receive feedback from the product owner. Start iterations.
Nov 7	3	Everyone	Each person finds a beta tester and receive feedback
Nov 11	3	Everyone	Bugs fixed, if found & make changes based on feedback received.
Nov 12	3	TBD	Present on the beta release
Nov 23	4	Everyone	Make changes based on the feedback received. (Details yet to be determined)
Nov 24	4	Everyone	Project finalized and published.

All the Major Features in MSC Online Platform

[Front-end] *User-side - Daekyung*

    I.   Nav Bar (Responsive Design | Mobile)
    II.   Home Page
        A. Main Carousel
    III.   Collections Page
        A. Search Bar
        B. Filtering Products Tabs
    IV.   Product Page
        A. 360-degree view
        B. Make Inquiry Modal
        C. Gallery view of Product
    V.   Our Team
        A. Join MSC Google Form Link
        B. Members
    VI.   About Us
        A. VR / 360 Camera
    VII.   Footer
        A. Subscription
        B. Social Media Links
        C. Make Inquiry

[Front-end] *Admin-side - David*

    I.   Navbar (Responsive Design | Mobile)
    II.   Dashboard
        A. Edit Contents
            1. CRUD - Home Page - Main Carousel
            2. CRUD - Collections Page - Products
            3. CRUD - Our Team Page - Members
        B. Manage Subscriptions
            1. Add/Delete Subscribed Users
        C. Web Usage Analysis
            1. Read Various Data Analysis of the Website.

[Back-end] *- Haseung*

    I.   HomePageCarousel API
        A. CRUD
    II.   Social Links API
        A. Only read and update
        B. Track click count for each link
    III.   TeamPagePerson API

         A. CRUD
  IV.   Inquiry API
         A. Only create
  V.   Email Subscription API
         A. Subscribe and unsubscribe
  VI.   Email Drafting & Sending API
         A. Creating an email draft and saving it for future editing
         B. Sending or deleting the email draft
  VII.   Collection API
         A. CRUD
         B. Track click count
  VIII.   Collection Item API
         A. CRUD
         B. Track click count
  IX.   Collection Item Catalog Display API
         A. CRUD
  X.   Collection Item Inquiry API
         A. Only create
  XI.   User Session API
         A. Only create and read

Known Bugs

<Front-End>
User-Side
1. Join the MSC button in Our Team Page redirects to the homepage then to the google forms, whereas it should redirect to the google forms immediately.

Admin-Side
1. Multiple image files cannot be uploaded yet; any types of files could be uploaded
2. OurTeamEdit page's edit and create modals not displaying
3. Id's from tables increase from the max index. (This is not intended and done temporarily until the back-end is connected)
4. Must validate all input forms accordingly.

<Back-End> (On Github Issues -https://github.com/jwcha1030/CS416_GroupProject/issues)
1. After DelCollection or DelCollectionItem is called, idx is not updated for other items in the list
2. GetAllCollection and GetCollectionItemInGroup returns in order of create_date ascending instead of idx ascending.