# Project Milestone 3 Progress Update - MSC Online Platform

## Individual Progress Update

**Haseung Lee**

Completed And Deployed
- **API**: Create an **excel document** of the API we will be using.
- **Front-end**: Create **examples** of API calls to help get started.
- **Back-end**: **Home Page Carouse**l API implementation.
- **Back-end**: **Team Page Person** API implementation.
- **Back-end**: **General Inquiry** API implementation.
- **Back-end**: **Purchase Inquiry** API implementation.
- **Back-end**: **Email Subscription** API implementation.
- **Back-end**: **Email Sending** API implementation.
- **Back-end**: **Collection, Collection Item, Collection Item Catalog Display, and Collection Item Catalog Display Image** API implementation.
- **Back-end**: **Click count** API implementation.

In Progress
- **Social Links** API - 30% Complete
  - The models have been created, but MSC is changing requirements as we go, so we have put a pause on this section since it is not a high-priority feature and it is easy to implement when it is ready.
- **Email Sending** API - 90% Complete
  - The models and views have been implemented, but it has not yet been tested enough to deploy.
- **User Session** API - 20% Complete.
  - The models are in the process of development. The API is not fully fleshed out yet either.

**Daekyung Kim**

Completed And Deployed
- **Frontend User Side: UI / UX** - Responsive Design for All User Pages in Mobile, Page Transition, Scroll Effect, Images Loaders
- **Frontend User Side: Homepage** - Main Carousel Component, Hero Section Component.
- **Frontend User Side: Navbar and Footer** - General Inquiry, Google Translate, Links

- **Frontend User Side: Collections** - Collections Carousel, Instant Searching, Nested Tabs Filtering, Product Component, Detailed Product Page, 360 Degree Rotation, Purchase Inquiry Modal, Product Gallery Carousel
- **Frontend User Side: Our Team** - Member Component, Copy Contact Information to Clipboard Button,
- **Frontend User Side: About Us** - VR

In Progress
- **Frontend User Side:** API Calls: 66%
  - The Main Carousel and Our Team is done on the user side; Collections page is not done yet.
- **Frontend User Side:** General and Purchase Inquiry Form Handling to Backend: 10%
  - onSubmit handling is not yet complete due to priority on other features.

**David Cha**

Completed And Deployed
- **Frontend Admin Side : UI / UX: Admin Homepage** - Responsive design for altering browser window size, overview of mail subscription count, and web usage analysis data demonstrated in short.
- **Frontend Admin Side: Homepage Carousel** - A table for the details of banners in the homepage carousel, CRUD function of the banners.
- **Frontend Admin Side: Collections Page -** A table for the detailed information about each product in the Collections page, CRUD function of the items.
- **Frontend Admin Side: Our Team Page -** A table for the detailed information about each MSC member, CRUD function of the members.
- **Frontend Admin Side: Mail Subscriptions Page -** A table for the detailed information of each subscriber, add & delete subscriber functions.
- **Frontend Admin Side: Web Usage Analysis Page -** A graph for the detailed analysis of the web usage, a table for the necessary details for the graph.

In Progress
- **Frontend Admin Side:** API Calls: 50%
  - Mail Subscription and Web Analysis APIs are not handled yet.
  - Collections Page need more work for add/remove/edit 360-degree images
- **Frontend Admin Side**: Collections Page Individual Items Interface: 30%
  - Provide an interface to add multiple gallery images
- **Frontend Admin Side**: Web Usage Analysis Page: 50%
  - The graphs must dynamically change based on the data received from the server (Currently dummy data is hard-coded for the graphs)

## Group Progress Update

Our group is mostly on schedule.
- A couple of goals were delayed due to iterations, but overall we are on track.
- There are a few things we are waiting for MSC to provide us (mostly images), but we can proceed without it.

One aspect that took us longer than expected was removing issues with Cross-Origin Resource Sharing (CORS) and Amazon Web Services (AWS) security, but that's all been resolved and we are proceeding just fine now.

Things that we have iterated include, but are not limited to:
- Collection Items: MSC still isn't quite sure exactly what layout they want.
- Inquiries - The general idea of it is the same, but we made a couple of specific inquiry models.

The grade we would give ourselves would be an "A" for three reasons.

1) Since we are working with MSC for this project there have been more steps that our teams have had to work on which increased our overall workload. A couple of the extra work we had to do in comparison to others was: one, having meetings with MSC and professor Bess for feedback. Two, coordinating with MSC about materials that we need from them.
2) We were all busy, but we have kept communicating with each other about our progress and prioritizing what needed to be done first. Through our efforts to keep up, we have not fallen that far behind despite our busy schedules. Every team member has allocated a lot of time to see this through to the end.
3) We have spent a lot of effort to make good and meaningful presentations.

## 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*<br>[Frontend] Implement Search Bar in Collections page - *Daekyung*<br>[Backend] Start CRUD API for Subscribers section - *Haseung* |
| October 21 | 1 | Haseung Lee, Daekyung Kim | [Frontend] Implement Filtering with Tabs in Collections page - *Daekyung*<br>[Backend] Create models for the data.<br>[API] Add CRUD API for the models |
| October 23 | 1 | Everyone | [Frontend] Complete Web Analysis Section (Admin Side) - *David*<br>[Frontend] Implement VR feature in About Us page and 360-degree view implementation in each product modal - *Daekyung*<br>[API] Start creating more complicated API calls as well - *Haseung* |
| October 26 | 1 | Everyone | [Frontend] Implement Translation (Plan B - Google Translate API) - *Daekyung*<br>[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*<br>[Backend] Implement CRUD API - Haseung |
| Nov 2 | 2 | Everyone | [API] Completed (Or almost completed) excel document with all required API - *Haseung* |
| Nov 5 | 3 | MSC | [Frontend] CRUD Bug fixed, finish CarouselEdit page<br>[Backend] Make an Inquiry implemented - *Haseung*<br>Receive feedback from the product owner.<br>Start iterations. |

| Nov 9 | 3 | Daekyung Kim | [Frontend] User Side Responsive Design-*Daekyung* |
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| Nov 11 | 3 | Everyone | Bugs fixed, if found & make changes based on feedback received. |
| Nov 12 | 3 | Daekyung Kim, David | [Frontend] Check User Side and Admin Side Data Transaction - *Daekyung & David*<br>[Design] Detailed Design / Font / Page Contents Edited -*MSC* |
| Nov 20 | 3 | MSC | [Frontend] Check User Side and Admin Side Data Transaction - *Daekyung & David*<br>[Backend] Should be complete - *Haseung*<br>[Backend] Log-In implemented - *Haseung*<br>Present on the beta release<br>Each person finds a beta tester and receive feedback<br>MSC Photoshoots Retail Revolution Shop for VR 360 Image |
| Nov 23 | 4 | Everyone | Make changes based on the feedback received. (Details yet to be determined) |
| Nov 24 | 4 | Everyone | Project finalized and published. |