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Project: A Web Site for an Imaginary Automail Manufacture Business

**<Introduction>**

*A web site for Winry’s Automail Manufacture and Maintenance business based on Japanese comic <Full Metal Alchemist (2001-2010)>.*

About the background of the comic: *Full Metal Alchemist* takes place in imaginary country Amestris and surrounding countries. In the story, alchemy is scientific skill that can create things. Alchemist is the person who can do so. However, alchemists must provide equal value of material to create things according to the Law of Exchange of Equivalents. And creating gold and human is strictly prohibited as gold can make society chaos and nobody has been success in creating human.

One day, Elric brothers, the main heroes, tried to create their dead mom, then the older brother Edward lost his one leg, and the younger brother Alphonse lost his whole body. Then Edward immediately settled his brother’s spirit into an armor using alchemy and providing his one arm. After this event, the brothers take journey to find their lost body back.

Winry is an automail mechanic who manufacture and repair prosthetic body part. Edward’s arm and leg are automail made by her. I’m going to make the web site for her automail business. The web site will provide information about Winry and her career, production description, and booking page.

**<Outline>**

**Home page:**

Home page is the first page that appears, and it will contain the image of Winry and promotion statement of her automail business. It will also give index button linked to detail pages.

**Winry’s Career:**

Career page gives detailed introduction of Winry, and provides her work experience. The page will contain big image of her and her vision statement.

* Was born from doctors’ family.
* Have learn technology from pinaco (winry’s grandmother)
* Have learn from Rush Valley
* Have learned from Automail engineer in Bricks.

**Products Description:**

Production Description page gives every option and type for automail. Automail is 100% customized product so that users can’t just order the complete product. Therefore, the page gives some options such as material. Users can browse the example automails sorted by types.

Arm, leg, for dog, gun type, weapon type, material for cold area

**Booking:**

Booking page is a form to book an appointment. The form includes inputs for name, contact, type of automail, type of meeting (visit or travel) and the feature of automail. Each input will accompany the description.

Name

Contact (email, phone number)

Type of Automail description: body part, additional features, purpose

Type of meeting: (radio button) visit store / travel

When: (date and time input)

**<Layout>**

I read up the Learn CSS Layout web site (learnlayout.com) to review and study detail about writing CSS document.

**<Items that I may consider in the Future>**

Assignment 2:

* The content in the form
* How to make div element 50% transparent but the content. (content remains 100% transparency, and only background color changed to 50% transparency)
* How to write CSS code that makes display different on mobile browser.
* How to make background image work well!!??? (repeating image)

Assignment 3:

* Make background repeating image smaller.
* Header image

**<Summary>**

My web page is simple design, that has header, index, and content area. I made ‘home’ page even more simple to get first welcoming impression. Background image is spanner tile. That represents what this page is about, which is Automail engineer shop web page. In the content, I use <form> to make page for booking (However, I didn’t make it to send the result to somewhere). In Gallery, Book, and Career page, I used <table> to organize contents.

In my web page, I used CSS to design detail. By using external CSS file, I could apply index and header design for every page I made. I used ‘background: rgba(,,,);’ to get transparent background. Because I have orange colour spanner image as a background, it was not really clear to see the content with out content background.

I used Javascript to make index dynamic. I wanted them to change whenever I put cursor over the button, and when I am at that page. I used inline script as it is not very long code to write down in different place. In addition, I tried to use internal <script> in Book page to make select <input> dynamically change. I wanted them to have different text and value in second select input by each option in first select input.

I generally used HTML, CSS, and Javascript features that are covered in the class. The one thing I searched outside of class was the function that changes the options in select <input> (javascript).