# Introduction

This project is a simple **3-page** website for both **Mobile** and **Desktop** (please ignore tablet designs for the entire project) and should take between **3 to 4** hours to be completed.The project has the following pages:

1. Home Page
2. Filter Page
3. Product Page

# Homepage

Homepage design is located under the “**Page Designs**'' folder. We need the following components for homepage:

1. Header
   1. Navigation: Home, All Items, Daydate, Dayjust Pearl, Date Just
   2. Place the image for logo per design, on click, go back to homepage.
2. Image Banner
3. Text Component
   1. All components, including text component design requirements are located under “Components and Dimensions” folder.
   2. Use the same text that is available on the text component inside Rolex\_landing\_page\_desktop.jpg.
4. Watch Grid (you have only 6 products in database and should show it all here)
   1. All components, including watch grid component design requirements are located under “Components and Dimensions” folder.

# Filter Page

Filter page does not have a particular design, however, it will have the following components:

* Header
* Watch Grid

If clicked on “All Items” from navigation:

Show all products from database

If clicked on Date Just, Date Just Pearl, or Day-Date, then, **recursively** show all products that are children of that category.

In the table called “Products”, there are 2 fields: **id** and **pid**. There are also 2 types of records: items and categories. **id** is unique. **pid** (parent ID) indicates which category and/or item is a child of others. The structure is similar to link lists. You must **recursively** write a code to retrieve the children and sub-children of a category.

**IMPORTANT NOTE:** Date Just Pearl is a subcategory of Date Just. Please refer to the database for more details.

# Item Page

Item page will have the following components:

1. Header
2. Watch\_specifications.jpg under the “Components and Dimensions” folder.
3. Image of the item
   1. All product images are located under the “Assets/product images” folder on Google drive. Please upload them to the website under “images” folder. Please create this folder on the server first.
   2. All image names are “model\_number”.png from the database. You have to retrieve model\_number from database to create the name of the item page and display it on item page. For example, if model number is 100001, then, the name and location of the image is “image/100001.png”.

**REQUIREMENT:**

Please populate the watch specifications from the database. Use AJAX so I can change the specifications to anything that I want on the fly, without reloading the page, and without a button. It should automatically update the database.

**NOTE:** If time does not allow, only apply this AJAX requirement to 1 specification of your choice.