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User-Centered Applications  
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## *Cosmetics Configurator Proposal*

### **Object/Experience**

As I am interested in skin care as well as the ingredients of the cosmetic, I've always wanted to make a product that fits to my skin type. An organic skin care product does not mean that it would not cause trouble as its ingredients have to fit to the person's skin type. Customizing the cosmetic products such as skin care and shampoo, the user can select the purpose of customizing the product, which ingredient they are looking for depending on one's skin type and scent of the product. Then the user can receive the receipt of the product, and if the user wants to buy it, the user can proceed to checkout.

### **Need**

The need would be buying the *right* cosmetic that fit to the user's skin type and his/her taste. There are multiples of people who have sensitive skins, and it is very hard to choose which type of lotion or skin care they need to buy, as there are hundreds of brands. Although the advertisements always explain about the good sides of the product but it is still hard for the user to find what they need. In order to know the users' needs, I will be researching about the types of skin, and by interviewing multiples of users, I will figure out what their major concerns are on their skins(if they have). It is also important to research about the existing product's major strength and how they promote the products. I will be going through the same process of the UX research that we had for the bike website.

### **Final deliverable**

I am planning on to make a clickable prototype of a webpage in which a user will configure his/her cosmetic, with a visual representation of the options they are choosing. I will be mainly focusing on the user research and design using Figma as well as the function of the configurator such as for each step, micro-interactions, what/how the next steps will be shown.

### **Approximate Schedule**

03.09 – Project proposal

03.14 – Research about the Skin types, cosmetics background, main ingredients, statistics about the skin concerns, etc

03.14-03.21 – Spring Break (continue with the research)

03.23 – Prepare interview questions

03.28 – Interview the users and create persona

03.30 – Collect the interview results, organize the statistics, and results and start making low-fidelity wireframes

04.04 – Mid-Fidelity Wireframes (Web)

04.06 – Mid-Fidelity Wireframes (Mobile)

04.11 – 1<sup>st</sup> round of User testing (both Web and Mobile)

04.13 – Modify the wireframe based on the user testing results and feedback

04.18 – High-Fidelity Wireframes based on the first user testing

04.20 – 2<sup>nd</sup> round of User testing with the High Fidelity wireframe

04.25 – Finalize the website based on the second round user testing

04.27 – Extra time for last-minute modification