

# Assignment 1

## Good and Bad Design

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### Good Design

#### Duolingo

Duolingo's purpose is to help its users to learn new languages. It has a very user-friendly interface, designed with ease of use in mind, the user doesn't really need to think before clicking on a button because the elements are really self explanatory.

Providing a simple and intuitive navigation structure, it is easy for users to find their courses, progress, and settings.

It also has a gamified component when learning, making it friendly even for younger users, and incentivising learning in a playful way as well as a social component, where you can see how your friends are doing in their learning journey and compete against strangers for the first league places.

It is really visually appealing, mainly because of the used color palette as well as the icons, the animations and the responsive design.

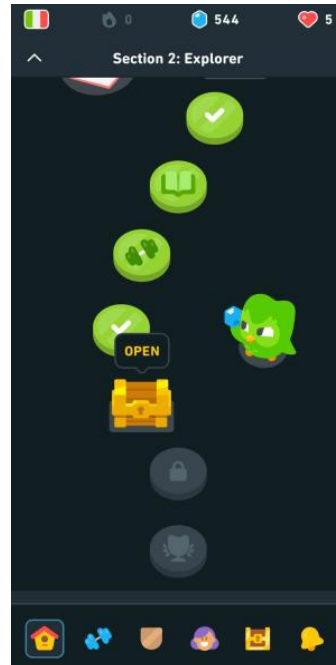


Figure 1 - Main Duolingo menu



Figure 2 - Mid-class Duolingo menu

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## Bad design

### Terrace Parasol

The main objective of terrace parasols is to protect everyone under it from the sun rays, but it should also be designed to facilitate the opening and closing process.

There are some issues with this design regarding the opening and closing process. In order for someone to open one of these, the user needs to enter the closed parasol with an obstructed view, since inside it there is not that much space.

It becomes really inconvenient and also a risk of injury or damage to the parasol, since the user can bump into its frame and the parasol can be wrongly bent in the process or bump into external elements when opening.

In addition to these problems it also becomes unsanitary due to the amounts of dust and residuals under the parasol to which the user is exposed to and time-consuming since the process isn't that quick.

A possible solution to this design is to design a system to open the parasol from the outside and in a contained way. Some designs of this implementation already exist, but are usually too big and expensive to fit the end-company's space and finances.



Figure 3 - Traditional parasol design



Figure 4 - New and better parasol design