

Unicorn 3.0 (Newbie)

Test by **CLICKLAB** (v2.1)

The purpose of this test is to see your skills in action. Be smart, use the best practises and don't forget to match the results needed. You should respect the **technicals requirements**, for the rest, feel free to do whatever you want. We needs a proof of concept with source files and demo.

Technical Needs:

- Angular ~4.*
- HTML5/SASS/Typescript
- (Less is better. None is best!) JQuery
- No needs for API or other resources provider.
- **Use docker for the environment**
- *(Bonus) Web-design & Ergonomy*

Functional Results:

Part 1. Unicorn Management

A unicorn should be identifiable by his **name**, his **color** (formatted "XXXXXX" where X is RGB color in hex), his **gender** (male, female, other) and his **age**.

As a visitor of the website, i should be able **to show all the unicorn** on the main page.

As a visitor of the website, i should be able **to create a unicorn** using an action on the main page.

As a visitor of the website, i should be able **to see the unicorn informations**.

As a visitor of the website, i should **not have to recreate the unicorn if i reload the page or quit it**.

Part 2. Unicorn Love

Let's give the unicorn some love. Love is everywhere. So why not ...

As a visitor of the website, i should be able **to make two unicorn mate**.

As a unicorn mating, i should be able **to give birth to a baby unicorn** with the following specs:

- baby unicorn could **only exist if his parents contain one male and one female**.
- baby unicorn **herited his color from a mix between his parents**.
- baby unicorn **name is a concatenated string of his parents name**.

Part 3. Unicorn Fun

Give us some fun! Do something cool or whatever you like.