Onboarding Task:

We at UVeye strongly encourage our developers to adopt as many bunnies as possible. Obviously, such an endeavor requires a suitable web application to facilitate the healthy growth of your bunnies. The goal of this task is to build an application called *UVbunny* that will help you monitor the wellbeing of your bunnies. As a side effect, you will hopefully learn about Firebase, Angular, and event-sourcing.

UX Specifications

Main Page:

On this page the user should be able to get an overview of their bunnies and the *happiness* of each bunny, as well as the overall average *happiness* level. Additionally, this page is where the user can add a new bunny each time the family grows. Clicking a bunny should take you to the bunny details page.

Bunny Details Page:

Here's where the happiness happens. As the guardian of the bunny, the user wants to view and add events that affect its happiness:

1. **Eating**
   A chubby bunny is a happy bunny. But some food is more joyful than other: Lettuce 🥬 will increase happiness by 1 point, but a nice carrot 🥕 will earn you 3 points!
2. **Playing**
   A game with another bunny is worth 2 points. In case they played together before it's twice the fun and twice the points!

Bonus: Enable uploading bunny avatar.

Configuration Page:

Obviously our understanding of bunny psychology advances as research progresses. And so the number of points for each activity could change. Allow users to set these points, and make sure these changes reflect retroactively.

Technical Specifications

Backend:

All backend needs are provided by Firebase. To gain some experience, we suggest creating a new project, and enable Firestore, CloudFunctions (if needed) and Hosting.

Frontend:

Angular. What else? Also, make sure you use AngularFire to communicate with Firebase. Use Bootstrap for styling.

Version Control:

Create a github repository and commit your changes regularly.