

The Great Gran Canarian Riddlehunt 2022

A digital, Erasmus+ funded collaboration between WEB-Developer students from I.E.S. El Rincon, Las Palmas de Gran Canaria and TECHCOLLEGE, Aalborg, Denmark.

Project Description

To build a web application with a minimum of ten self-elected activities or attractions that have a sustainable approach and meet the requirements of the UN World Goals.

Within these terms, each team are free to choose its own content, layout, and display format

The list can be based on an overall theme such as restaurants, beaches or concerts. The list can also contain mixed elements.

The elements of the list must have a sustainable approach in relation to the UN development goals. For example, there may be restaurants that quit the use of plastic in their serving or places or activities that can be reached a sustainable form of transport. The sustainable approach of each list item must be clearly described by the developing teams.

The display form can be, for example, a list of search and filtering, a route guide, a treasure hunt or other form of competition.

Users of the web application must have the opportunity to log in and interact with the app in the form of completion, comments and/or ratings of the individual elements in the list.

It is permitted to use 3rd party data in the App, such as if you want to download weather forecasts or other data for selected locations.

Project requirements

You have to work in teams on the project.

- Each team must consist of an equal number of Spanish and Danish students
- Your team must use GitHub and SCRUM as a workflow framework.
- Your team must work together to create a plan for themes and activities to include in the riddle hunt.
- Your team must collect any information and pictures of these activities.
- Your team needs to create mockups and designs for the app and set this up with the necessary technologies.
- Your team must develop and program functionality for any user interaction.
- Your team must document your daily work using schedules and evaluating them.
- Your team is responsible for hosting the app on an online hosting solution.
- Your team should present the final result on the deadline date.

Technical requirements

The web app should be built as a *Progressive Web App* with the use of following technical requirements:

- HTML
- Precompiled CSS (SASS, SCSS)
- Javascript / React / Ionic
- Firebase hosting

Additional objectives

All teams are free to develop and use their own RESTful API for data sourcing. A suitable solution for this matter could be Firebase.

Deadline

Deadline for the project is set to March 25 where your team will be expected to make a presentation of the app.

Good luck 😊