

Planet Pulse Project Description

Version 1.1

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1) Introduction

A website is allowed to provide stories about species and make **them available to users/customers**.

The main objective of the website to be developed is to publicize new species or news about animals in **our land**.

2) Project Description

The planet we inhabit is facing unprecedented pressure due to the rapid growth of the economy and population. This challenge demands structured responses, which can be driven by civil society initiatives aimed at promoting environmental sustainability. These initiatives can, in particular, contribute significantly to the adoption of best practices and to the mitigation of behaviors that are harmful to the environment.

The divulgation of environmental initiatives and the active participation of citizens in identifying and communicating good and bad environmental practices in their region will contribute to a greater awareness, reinforcing the sense of responsibility and promoting sustainable attitudes with a lasting impact on current and future generations.

3) Objectives

The PlanetPulse webapp seeks to stimulate a responsible and informed mindset towards the environmental sustainability in the young generation, at school age. The specific objectives are:

- A. Promote the interest of young students in environmental sustainability.
- B. Setup an online public window – the PlanetPulse webapp – where all can search and know about good and bad practices for environmental sustainability; where all can “feel the pulse of the planet”.
- C. Establish the PlanetPulse taskforce, an international workgroup of volunteers (students, teachers) responsible for keeping the PlanetPulse webapp content updated: validating news submitted to the PlanetPulse platform and keeping the platform content updated (refresh content on a semestral basis). Volunteers will get a certificate. Partner schools will integrate this activity in their own portfolio of volunteer extra-curricular activities.

The webapp must include (1) a page with base information about environment protection and biodiversity and (2) an online platform to view, submit and manage PlanetPulse News. It will include the required facilities to support searching and browsing, submitting, validating and automatically publishing validated PlanetPulse News. The webapp will also link to PlanetPulse social networks (Instagram, LinkedIn, Facebook, ...).

4) Use Cases:

Product Backlog

US01 – As a Product Owner, I want the developers of the project to use a **Git repository** to save or commit the code of our project.

US02 – As a Product Owner, I want the developers of the project to develop and implement a web app with a public area that the admin and the validator can access.

US03 – As an Admin, I want to be able to personalize the content of a private area of the website.

US04 – As an Admin, I would like to see the admin platform dashboard.

US05 – As an Admin, I would like to see the dashboards of the private area of the website and manage public areas.

US06 – As a user, I would like to submit a proposal/request on the website.

US07 – As a non-authenticated user, I would like to search or story by its author name on the search bar.

US08 – As a user/admin/validator, I want to have 4 roles defined in the web app.

US09 – As a Product Owner, I want the web app to support role registration and assign users to corresponding roles.

US10 – As a Product Owner, I want the web app to be able to register any user and assign them a role.

Acceptance Criteria (related to US10):

Send confirmation emails with randomly generated confirmation/password or link.

2 User Dashboard

(Features):

US11 – As Validation Chief, I want to be able to submit an update/request in order to add/update number data or delete number data.

US12 – As an Admin, I want to accept or decline any validation data update on the user dashboard.

US13 – As a Product Owner, I would like the web app to display a Contact us section.

Acceptance Criteria (related to US13):

Show : contact name:,location of the company, and optionally phone/email. If not available, there is no physical contact.

US14 – As a Product Owner, I would like the web app to display a Contact us FAQ Page/Label

US15 – As an Admin, I want to be able to delete any or all user's content on the user dashboard.

US16 – As a Product Owner, I would like a stats machine to be developed to showcase all the possible states of the requests.

3) News and Statistics:

US17 – As a Product Owner, I want the public area to be indexed and display basic information about environmental sustainability and related news.

US18 – As an Admin, I would like the site to allow highlighting or pinning specific posts in a dedicated section.

US19 – As a Product Owner, I want the system to allow adding specific windows for stories/news.

US20 – As a Product Owner, I want the website to integrate with Google Analytics for global statistical analysis of the platform.

4) Web Design)

5) Non-Functional Requeriments:

The website should support multiple languages: