

Project L3 - Proof of Concept - Specification

Va'a Training Tracking Application - A Hoe Tatou

Client: Va'a Team Coach

Delivery Date: UNDETERMINED

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@date : September 2023



@github : <https://github.com/naikibro/a-hoe-tatou>

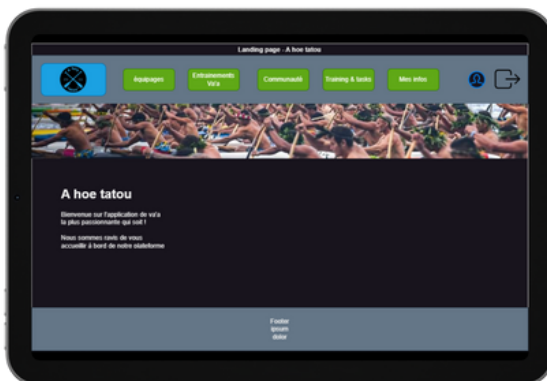
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Success Criteria

1. Achieve the aforementioned objectives.
2. Implement all user stories.
3. Deliver the project within the announced deadlines.
4. Satisfy the client.
5. Maintainability of the project.
6. Project stability.
7. Project security.
8. Sufficient project performance.
9. Compliance with legal standards regarding GDPR.

Objectives of the app

1. Organize Va'a training sessions.
2. Organize team activities.
3. Foster team spirit, Tahoe.



Features

1. Training management.
2. Team management.
3. Common chat service for teams.
4. Training invitations management (Coach).
5. Training registration management (Rower: FIFO).
6. Attendance tracking at training sessions.
7. Attendance tracking at workshops (Repair, Physical, Medical check-up, etc.).
8. Performance tracking at training sessions (duration, speed, route, progress, etc.).
9. Calendar dashboard with training invitations.
10. Automatic rower invitations in case of an unfilled canoe (email, app, SMS).

**ONE APP
FOR ALL
YOUR VA'A
NEEDS !**



Glossary

You will find here the definition of every keyword used in this project

Va'a

Polynesian canoe.

Te amo nei au ta'u va'a: I carry my va'a.

Hoe

To paddle.

A hoe tatou!: Let's paddle!

Ho'e

One (1), unified.

A ho'e tatou!: We are one!

Tahoe

Team spirit, group spirit, unity.

I entrust my life and future to my group and trust them.

We take care of each other and work for everyone's happiness.

Te tahoe nei tatou noa atu te mau vave'a: We remain united despite the obstacles.

Rower

Potential member of a va'a team.

Team

A group of 1 to 6 individuals (ideally) practicing paddling on a va'a regularly.

A crew will have at least one steerer or "peperu."

A crew is considered complete when 6 rowers are available.

Practice Team

Temporary crew for a training(borrowed rowers, etc.).

Training

EN: Va'a training session.

Activity

Represents any type of training related to a team and/or va'a.

A training may not take place on the water, e.g., physical training, jogging, etc.

Scrum

An Agile project management methodology that emphasizes collaboration, communication, and incremental delivery. Scrum is often used in software development and organizes work into short sprints to deliver features quickly.



Laravel

An open-source web development framework written in PHP. Laravel simplifies the process of building web applications by providing ready-to-use tools and features, including database management, security, and session handling.

Model-View-Controller (MVC)

A commonly used architectural pattern in software development that separates an application into three main components: the model (managing data and logic), the view (managing the user interface), and the controller (managing interactions between the model and view).

Docker

A containerization platform that allows developers to create, deploy, and manage applications in containers. Docker containers offer lightweight isolation and portability between development and production environments.

Composer

A dependency manager for PHP that makes it easy to install and manage PHP libraries and packages. Composer is widely used in modern PHP development to simplify dependency management.

CRUD

CRUD is an acronym that stands for "Create, Read, Update, Delete." It represents a set of four basic operations used in data management:

Create (C) - Create new data.

Read (R) - Read or retrieve existing data.

Update (U) - Update existing data.

Delete (D) - Delete existing data.

Specification

A specification is a document that describes in detail the requirements, features, performance, and other characteristics of a system, software, or product. It serves as a basis for the design, development, and testing of the subject being documented.

Requirements

A requirement is a statement that specifies what a system, software, or product should do or how it should behave. Requirements are used to define the functionality and behavior of the subject being developed.

User Stories

User stories are short, simple descriptions of a feature or functionality of a system, software, or product. They are written from the perspective of an end user to capture the user's needs and expectations.

CNAM PF

(Conservatoire National des Arts et Métiers - Formation Professionnelle)

Une institution éducative en France qui offre une variété de programmes de formation professionnelle et continue dans divers domaines, y compris l'informatique et la technologie.