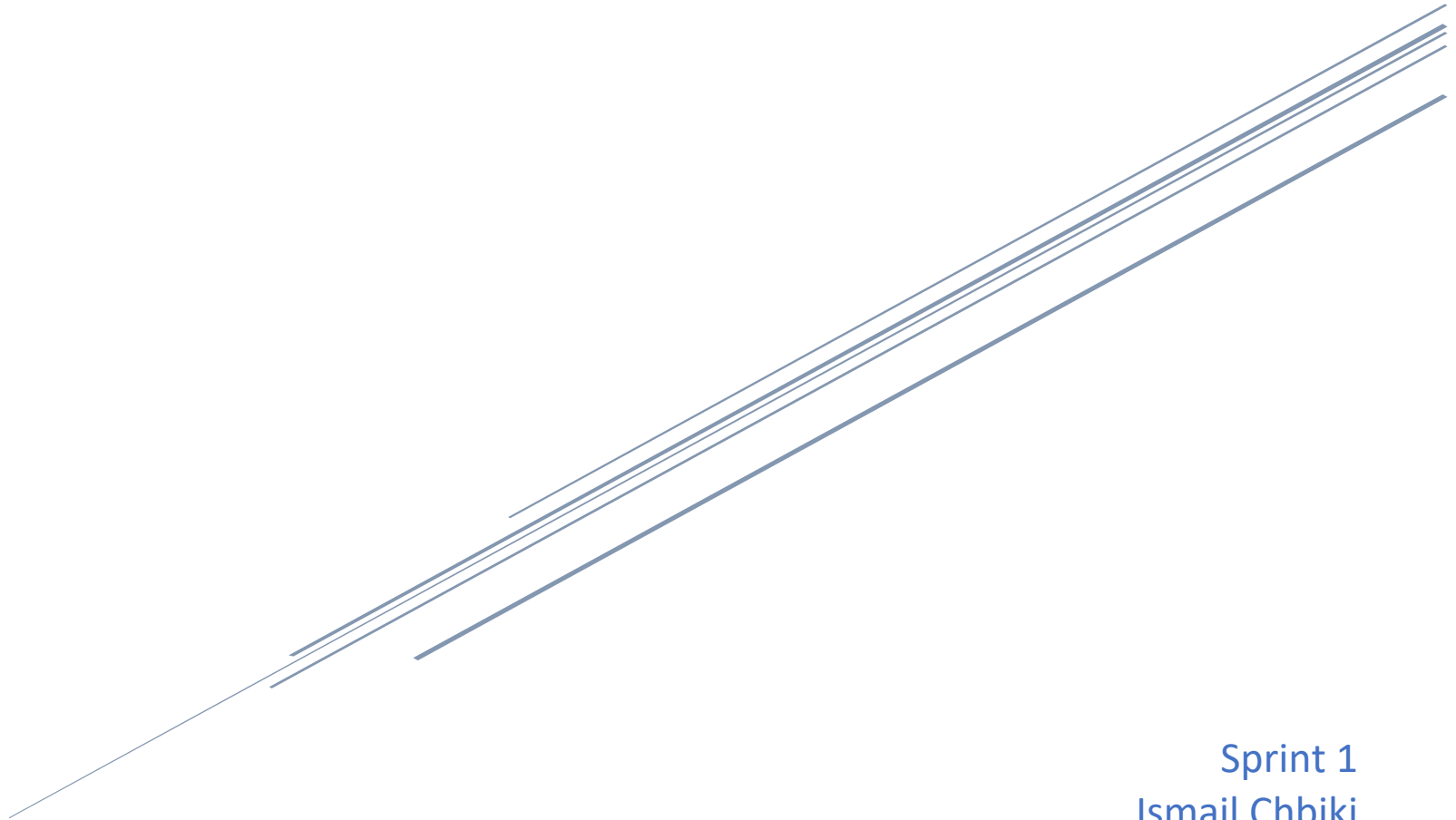


FUNCTIONAL DESIGN

Individual Track



Sprint 1
Ismail Chbiki

Content

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Introduction:

The Software Project that is going to be developed during this semester, is a Web Application that is going to serve as a booking system to book water sports lessons primarily kitesurfing lessons.

This document provides an initial overview about the purpose of the web app namely the what, why and how to bring the reader closer and gives a good understanding of what is expected to be built by the end of the semester.

Disclaimer:

The features that are going to be presented in the document and subsequent project plans and documentations are subject to a change depending on the semester setup, material, learning outcomes and finally teachers and coaches' decisions/suggestions throughout the semester.

References

Git Link:

[Chbiki,Ismail I. / Individual Track S3 · GitLab \(fhict.nl\)](#)

Versioning Table

Sprint	Release	Name	Release Date	Updates
1	0.0.1	Semester Startup Release	25.02.2022	- Environment setup

Project Goals

Project Goals:

- This project should help clients access a Web App and learn from which about the different kite lessons types and the learning process and requirements.
- It should allow potential customers to place a reservation and have a kite lesson at a given scheduled time and location.

Product Backlog

- User Stories:

- *(Acceptance Criteria in the next Page)*

Order	Story ID	Estimate	Sprint	User Type	Story	Story Type	Priority
1	A-01		2	Client	- I want to be able to view available kite lessons So that I can get to choose what suits me best	Story	High
2	A-02		2	Client	- I want to be able to place a reservation for a kite lesson, so that I can learn how to kite	Story	Medium
3	A-03		2	Client	- I want to be able to create an account, so that I can become a member to the website	Story	Low
4	A-04		2	Client	- I want to be able to sign in to my account, so that I can view my past bookings and kiting level	Story	Low
5	A-05		2/3	Owner	- I want to be able to create instructors so that clients can reserve an instructor	Story	Medium

- Acceptance Criteria

- User Story [ID: A-01](#)

As a client,

I want to be able to view available kite lessons

So that I can get to choose what suits me best

- Acceptance Criteria:

- Available lessons are displayed when requested:
Lesson type (private, semi-private, group);
Time slots in a day (3 slots – 10am->12am, 2pm->4pm, 4pm->6pm);
Experience level (Beginner, Intermediate, Advanced)

- User Story [ID: A-02](#)

As a client,

I want to be able to place a reservation for a kite lesson

So that I can learn how to kite

- Acceptance Criteria:

- Available lessons are displayed when requested:
Lesson type (private, semi-private, group);
Time slots in a day (3 slots – 10am->12am, 2pm->4pm, 4pm->6pm);
Experience level (Beginner, Intermediate, Advanced)
- I can select my preferences to make a booking
- Possibility to fill in personal details (provide name, phone, email)
- All booking information is stored
- An email is sent to the customer mail box

- User Story [ID: A-03](#)

As a client,

I want to be able to create an account

So that I can become a member to the website

- Acceptance Criteria:

- Email, username, password fields must be filled with the expected correct data
- I cannot create an account with an existing username or email
- Ability to activate my account via a sent link to my mail box
- My dashboard/account is displayed via the link in my mail box

- User Story [ID: A-04](#)

As a client member,

I want to be able to sign in to my account

So that I can join the online discussion by the website members

- Acceptance Criteria:

- username, password fields must be filled with the expected correct data
- Dashboard is displayed
- Dashboard is not displayed in case of incorrect credentials
- Dashboard is not displayed in case of a missing approval from the link in the email

- User Story [ID: A-05](#)

As an owner,

I want to be able to create instructors so that clients can reserve an instructor

- Acceptance Criteria:

- I can create an instructor by providing name, email, password, and spoken languages
- I cannot create an instructor with duplicate name or email
- New instructor is created successfully is displayed

End