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Group: S3-CB01

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Version: 4.0

Project Planning

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Introduction

The Homeless Pets Foundation website is a project that helps abandoned and homeless animals while also promoting the idea that responsible pet ownership improves people's lives. The website's main goal is to make the process of finding adoptive homes for pets as easy as possible, as well as to raise funds to keep the website functioning. After completing an online suitability test, the platform will allow a registered user to easily find and adopt pets. Unregistered users will also be able to aid pets through other means, such as donations. Furthermore, project administrators will be able to manage the list of pets and check aggregated data on payments provided with ease.

Project structure organization

Project leader

Oleksandr Gurianov:

- responsible for communication with tutors (at least twice a Sprint)
- responsible for keeping track of the deadlines
- responsible for working on the project
- responsible for recording the feedback received

Tutors

Márcio Paixão:

- responsible for communication with the project leader (at least once a Sprint)
- responsible for reviewing all the deliverables

Tim Kurvers:

- responsible for communication with the project leader (at least once a Sprint)
- responsible for reviewing all the deliverables

Risk assessment

1. ***Project leader misunderstands requirements:*** when there is a possibility that misinterpretation and/or misunderstanding of the project occurs.
2. ***Users have inaccurate expectations:*** when miscommunication about the level of detail, or the actual product occurs.
3. ***Impacted individuals aren't kept informed:*** when the communication between the different parties is lost, participants don't know where the current project is, and can't react properly to occurring issues.
4. ***Decisions are incomplete:*** when a discussion is held about a topic the decision has to be adequate to continue the project, otherwise, the project will get stuck quickly after.
5. ***Project leader lacks the authority to complete work:*** when there is a possibility that some of the work is not delivered.
6. ***Delays in training impact the project:*** when there is a possibility that some of the required knowledge is missing at the moment the project leader starts the delivery and runs into some delays.
7. ***Failure to follow methodology:*** when the project leader does not follow the described steps they can run into trouble during the project track.
8. ***Lack of management or control:*** when there is no project organization project leader may run into some problems along the way.

<i>Risk</i>	<i>Probability</i>	<i>Impact</i>	<i>Mitigation</i>
1	Unlikely	Extremely harmful	By setting up this project plan with all the required details all parties can know exactly what is required. Referring to the plan frequently will prevent most of this risk.
2	Highly unlikely	Harmful	Between student and teacher clear discussion about the quality and expectations should be discussed.
3	Highly likely	Harmful	The student will report frequently about their progress.
4	Unlikely	Slightly Harmful	When decisions are made, these should be documented (Canvas) and agreed upon by both parties, answering all questions.

5	Highly likely	Slightly Harmful	The student is responsible for all deliverables. All deliverables can be tracked using the Canvas course.
6	Likely	Harmful	When one of the subjects is delayed, this should be communicated between the team and teacher to find an appropriate solution.
7	Unlikely	Harmful	Not following the method described in the project plan will cause misinformation and delays. Frequently referring to the planning in the project plan will help prevent this.
8	Highly likely	Harmful	The Canvas course is created to aid all parties in the structure of the management. Keeping track here will aid significantly.

Deliverables

As requested by the Individual Track Assignment requirements, the following end deliverables are going to be provided:

- Restful API application
- React.js application
- Applied Research document
- Product Backlog document
- Project Planning document
- Security Report document
- Software Architecture document
- Test Plan document
- UX Feedback Report document
- Web Performance Review document

Versioning

Version	Date	Author	Description
0.1	25.02.2022	Oleksandr Gurianov	First setup of Restful API project: <ul style="list-style-type: none"> • 3 GET operations examples
0.2	13.05.2022	Oleksandr Gurianov	Second setup of Restful API project: <ul style="list-style-type: none"> • SOLID implementation • business implementation • configuration.db implementation • controller implementation • dto implementation • repository implementation • db.migration implementation • backend database connectivity implementation • SonarQube connectivity implementation
0.3	n/a	Oleksandr Gurianov	Home page implementation (customer) About Us page implementation (customer) Contact Us page implementation (customer)
0.4	n/a	Oleksandr Gurianov	Log In page implementation: <ul style="list-style-type: none"> • authentication • authorization
0.5	n/a	Oleksandr Gurianov	Sign Up page implementation: <ul style="list-style-type: none"> • add a new unapproved user
0.6	n/a	Oleksandr Gurianov	Users page implementation (administrator): <ul style="list-style-type: none"> • show a list of new users • approve a new user • refuse a new user • show a list of existing users • delete existing user
0.7	n/a	Oleksandr Gurianov	Personal details page implementation (customer): <ul style="list-style-type: none"> • show personal details

			<ul style="list-style-type: none"> • edit personal details • delete existing user
0.8	n/a	Oleksandr Gurianov	Personal details page implementation (administrator): <ul style="list-style-type: none"> • show personal details • edit personal details
0.9	n/a	Oleksandr Gurianov	Donate page implementation (customer): <ul style="list-style-type: none"> • add new donation
0.10	n/a	Oleksandr Gurianov	Donations page implementation (administrator): <ul style="list-style-type: none"> • show a list of existing donations • filter a list of donations by the time • see a total amount of donations • filter a total amount of donations by the time
0.11	n/a	Oleksandr Gurianov	Adoptable Pets page implementation (customer): <ul style="list-style-type: none"> • show a list of pets • filter a list of pets by type, age, etc.
0.12	n/a	Oleksandr Gurianov	Adoptable Pets page implementation (administrator): <ul style="list-style-type: none"> • show a list of pets • filter a list of pets by type, age, etc. • delete existing pet
0.13	n/a	Oleksandr Gurianov	New Pet page implementation (administrator): <ul style="list-style-type: none"> • enter pet's details • add a new pet
0.14	n/a	Oleksandr Gurianov	Pet's Details page implementation (customer): <ul style="list-style-type: none"> • show pet's details • show an interview form

			<ul style="list-style-type: none"> • submit the interview form
0.15	n/a	Oleksandr Gurianov	Pet's Details page implementation (administrator): <ul style="list-style-type: none"> • show pet's details • edit pet's details
1.0	n/a	Oleksandr Gurianov	Finish the implementation of all pages: <ul style="list-style-type: none"> • finish the unit tests • check the application for additional bugs • add additional comments to the code