CONSTANTINOS SPIRIDOPOULOS

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Abstract:

Donation Boxes offer a solution to many problems people, who would like to make donations, face daily. These that currently exist and being managed by NGO's lack vital information such as:

- Description and goal of project
- Transparency of donation activity and management
- Clear association of donation amount required to goals

A solution to above is the screen enabled interactive Donation Box which is currently under heavy development.

Part of the interactive DonationBox's software is to become available for devices (personal computers, laptops, smartphones and even the donation box's screen) and requires construction of an online platform, capable of giving real-time details about various organizations, their projects, how many donations are required et cetera.

Project Goals:

This project aims to:

- (#Feature 1) Improve the Wordpress theme and it's customizations on which the DonationBox's site will be based.
- (#Feature 4) Create a user friendly platform that anyone can understand and access through any means of technology currently distributed to the market.

Proposal Timeline:

April 3 - April 24(Proposals reviewing):

- Practice with Microsoft Wordpress to remember/improve current skills and knowledge of mine
- Revise JavaScript, CSS and PHP knowledge, study modern web page designs and techniques from web tutorials and learning sites such as w3schools.org.
- Produce code for testing purposes
- Study resources and work already made for this project, available on GitHub

May 4 - May 30(The Bonding Period):

- Remain in close contact with my mentor and with his help set clear goals, a path which I will follow in order to finish successfully the project.
- Start planning the Wordpress theme customizations and the online platform, taking into consideration basic leads from my mentor.
- Study current theme and discuss improvements through the mailing list
- Create a basic skeleton for the online platform; this includes a folder structure, defining links, writing the main page and setting markers for later graphic elements implementation.

May 30 - June 22 (Official Coding Period - Phase 1):

- Focus on essential sectors of current Wordpress theme that need improvements.
- Define methods, objects and classes for the Wordpress theme using JavaScript and write any necessary CSS documents.
- Create pages and functions with PHP for the online platform as needed, using the skeleton previously made.

June 22 - 26:

- Testing of functionality of each method and class created in phase 1.

During this period I will frequently send code fragments to be reviewed by my mentor and continue accordingly.

June 26 - June 28 (Phase 1 evaluations submitting):

- Refinements before actually submitting evaluation.

June 30 - July 20 (Coding Period - Phase 2):

- Add features and effects to the online platform wherever needed to enhance user experience.
- Replace markers made for graphics with actual graphics, if it is allowed and required by the project.
- Improve methods written in PHP or JavaScript for both the platform and the theme.
- Probably add personalized user settings and customizations.

June 20 - June 24

- Testing of each new or replaced method added on phase 2.

During this period guidance from my mentor and other members' feedback will be taken into serious consideration, ensuring teamwork and an organized result.

July 24 - July 26 (Phase 2 evaluations submitting):

- Refinements before actually submitting evaluation.

July 28 - August 15 (Final Details):

- Write system dependent decisions when the platform is loaded on different devices.
- Test graphic content of the online platform on different screen sizes and user settings, mostly on virtual devices that simulate real devices.

I've left a buffer of two weeks for any unexpected delays that might occur from bugs, personal matters and such.

About me:

-Education

> **Information Technology Engineer - Computer Science**, ATEI of
>
> Thessaloniki, 2014-Present.
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>
> **High School Diploma (GED)**, 2nd GED of Exedoros
>
> Graduation Date: June of 2014
>
> Graduation Grade: 17,5 (Greek grade system)

-Skills

> Able to work with consistency in team based projects through long distance
>
> communication. Work with leads and rules. Understand basic instructions.