Annexe I: Project plan *SolidOS*

SolidOS is envisioned as a full-featured web-based operating system for any Solid-compliant personal data store, offering a window into Sir Tim Berners-Lee's vision for a decentralized web. It serves as the default frontend for the community servers, like solidcommunity.net. This project will deliver a modern, modularized SolidOS frontend with a streamlined CSS theme and clearly defined user-friendly "happy paths."

1. Backend Development

This task entails all backend preparations and needs for a better UI. After these milestones, the code will be up to date, no vulnerabilities, and the stack is in a better shape.

Milestone(s)

a. Update important dependencies & improve code (€ 2500)
b. Modernize code (€ 2500)
c. Consolidate RDF forms (€ 1500)

Amount

€ 6500

2. Frontend Development: Panes

Modernizing existing panes and aligning them with the new UI design. After this milestone developers will have dedicated examples of already fully functional panes. Users of SolidOS will have an easier time using SolidOS.

Milestone(s)

d. Prepare code for design (€ 2000)
e. New style for profile (€ 2000)
f. New style for profile editor (€ 2000)
g. New style for contacts (€ 1500)
h. New style for file explorer (€ 2000)
i. New style for tracker (€ 2000)
j. New style for chat (€ 1500)
k. New style for address book (€ 1500)
l. New style other elements such as login, register (€ 3500)

Amount

€ 18000

3. Frontend Development & Core Style

Streamlined CSS theme with generic reusable components. After this milestone, developers will have an easy to use style they can use for new panes to keep the SolidOS look and feel.

Milestone(s)

m. Streamline usage of something similar to Pollen CSS in solid-ui (€ 4000)

n. Revisit existing icons and fonts, and update them into a designed bundle that users can use. Decouple from the library so icons are always available online. (€ 3000)
o. Create a Storybook-like reusable elements/components library (after the panes have been feedbacked) - update and fix the existing one (€ 5000)
p. Improve RDF forms styles based on the rest of the styles (€ 2000)

Amount

€ 14000

4. Developer Documentation

Technical guides for consistent pane development and styling. After this milestone, developers do not need to look into pane code to understand how to make a new pane, but will have proper documentation.

Milestone(s)

q. Technical documentation for the style guide with elements - mostly will be Storybook like - here we just add some text description on webpage, github. Write blog posts. Update the RDF forms examples, document new UI for it. (€ 2000)
r. Blog post and newsletter to disseminate to other projects (important for others to know about solid-ui and use the design in their apps if they want). Will include examples, and examples on how to mix and match with PodOS. (€ 1000)

Amount

€ 3000

5. User Documentation (User Guide)

User-friendly guides and happy path flows to support digital literacy. After this goal, users can check the new updated SolidOS user guide for in-depth clarifications on how to use SolidOS and examples of main use cases.

Milestone(s)

s. Update/rewrite the SolidOS user guide (€ 3000)
t. Use case documentation (€ 1000)
u. Disseminate to the community: blog post and newsletter. Will include examples. (€ 1000)

Amount

€ 5000