

Project Charter

Team12: PaperGap_Wallet

Project Manager: Ozzak Jure Matic

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Project Name: PaperGap_Wallet

Purpose

Build a secure environment for Bitcoin Paper Wallet Generation

High Level Project Description

Final deliverable will be an app that creates a live bootable USB linux distribution.

The system once booted is a simple small single app system that is airgapped with no networking and no desktop environment.

The user is welcomed by the start page of the wallet app that takes him/her through the steps needed to generate the wallet seed and public keys in simplest and easiest way possible, while being completely secure at the same time.

Objectives

- Increase and simplify user access to intricate elements of the Bitcoin network.
- Increase the users security and safety of the Bitcoin network.
- Educate the new users on proper management of private keys.

High Level Requirements

- Python3.6 Bitcoin libraries
 - our team will use existing well established and tested Bitcoin libraries to create an secure and robust Paper Wallet generator
- Kivy Python Front-End framework
 - our team will use Kivy framework to create simple and clean GUI
 - Kivy is available to run on all platforms including Linux.
- TinyCore Linux distribution
 - our team will use extended and modified TinyCore Linux distro to create an airgapped and secure environment

Schedule Milestones of Key Deliverables

Milestones	Finish Date
Idea Brainstorming And Planning	31. Jan 2021
Terminal Seed Generator App	07. Feb 2021
Front End For Generator App	07. Feb 2021
Linux Distro Build	14. Feb 2021
Seed Generator App GUI	14. Feb 2021
Project Beta Release	21. Feb 2021

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Resources

Budget:

- n/a

Personnel:

Jason Quinlan	Project Owner
Ozzak Matic	Linux Developer
Oliver Cunningham	Linux Developer
Robert O'Brien	FrontEnd Developer
John Furlong	Python Developer
Janine Dunlea	Python Developer

Procurement:

- **Linux From Scratch:** <http://linuxfromscratch.org/lfs/view/stable/index.html>
- **Linux From Scratch Live CD Tutorial:** <https://youtu.be/A9pmmKx0iAU>
- **Tiny Core Linux:** <http://tinycorelinux.net/welcome.html>
- **Python3 Bitcoin Library:** <https://github.com/primal100/pybitcointools>
- **Gant Chart:** <https://app.agantty.com/#/gantt>

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Overall Project Risks

Category	Description
Schedule	Some elements of the project could run late
Budget	n/a
Profitability	n/a
Technical	Integration of all the independent systems in a functional whole
Organizational	Team members not following the project schedule
External	n/a

Project Manager, Stakeholders, and Sponsors

Name	Role	Responsibilities
Jason Quinlan	Project Owner	n/a
Janine Dunlea	Code Empress	Development of Python application
John Furlong	PyLord	Development of Python application
Robert O'Brien	Grand Byte-Wizard	Development of the Front end UI and UX
Oliver Cunnington	Technomancer	Development of Linux distro
Ozzak Matic	Master Of The Universe	Development of Linux distro and Project Management

Project Approval Requirements and Exit Criteria

Jason Quinlan has the responsibility and authority to provide the final approval of a successful project.

- Fully functional application as described in the Project Brief

Project Sponsor & Client Approval

Project Sponsor: Jason Quinlan

_____ (signature)

Project Manager: Ozzak Jure Matic

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Version Control

Document Version #	Approval Date	Modified By	Section, Page(s)and Text Revised
V0.01	02. Feb 2021	Ozzak Matic	n/a