

# TZ - Password Manager

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Estimated Total Hours: 13



# Plans (Past Week)

- Continuing with attempts to make it work on RPi 4
- Key derivation and secure storage tests for TA
- Host application basic “UI” and application logic



# What Actually Happened

## Work completed:

- Image for RPi 4 built
- Basic key derivation, key generation (~70% of work for the creation of new archive)
- Updates to the host application, including archive entry definition and removal of hello\_world artifacts

## Major challenges+roadblocks:

- Built-in key derivation function
- Need to change the original approach for saving

## Attribution:

- TEE Internal Core API



# Plans (Next Week)

- Create archive API finished
- Prototype for add/read archive entry API
- Practical tests on RPi 4
- Implementing corresponding API in the host application



# Summary/Overall Progress

- Encryption/decryption and key management architecture prepared
- Create archive API ~70% done
- Modularized host application
- Image for RPi 4 built

