MyFCPlanner Overall Plan

November 11, 2017

# Change History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision** | **Date** | **Author** | **Changes** | **Status** |
| 0.01 | 11/07/17 | Paul Chernick | Created the document template. | WIP |
| 0.02 | 11/11/17 | Paul Chernick | Wrote the Introduction and Project Overview. | WIP |

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# Review Notes and Issues

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Status** | **Contact** |
| 1 | Need to write sub-project plans. | Open | Paul Chernick |
| 2 | Don’t have a requirements system yet. | Open | Paul Chernick |
| 3 | Don’t have an android device for testing at this time. | Open | Paul Chernick |
|  |  |  |  |
|  |  |  |  |

# Introduction and Project Overview

## 4.1 Background

People who do things well and in a timely manner are well organized. These people set goals to succeed. They create a process, or set of steps to accomplish these goals; this set of steps becomes a set of tasks to be completed. They may have multiple goals to work on in parallel. They prioritize the goals and the steps to achieve them. They create plans to accomplish the goals and generally have so method of tracking their progress. Many of these people use a paper or software system that helps them plan.

## 4.2 Overview

The goal of this project is to create a personal planning software system for people that want to get organized and use multiple platforms on a daily basis.

## 4.3 Objectives, Scope, and Impact of the Project

### 4.3.1 Objective paragraph

The objective of this project is a personal planning software system that works on computers and mobile devices and can share the information between multiple platforms. It shall interface with email and scheduling systems such as Microsoft Outlook, Microsoft Exchange, Lotus Notes and iCalendar. It will work on current computing systems such as OSx, Microsoft Windows and Linux. It will work on iOS and Android devices. Goals, tasks, and appointments created on one platform can be viewed and edited on another platform. Forms can be printed on computers, mobile devices will only be able to create, edit and view the information.

Information will be considered personal and private, access will be limited by multifactor authentication.

### 4.3.2 Scope Paragraph

The scope of this project is the end to end implementation of a multiplatform personal planning system. To achieve this goal the project will be broken up into multiple phases or sub-projects. Each sub-project will be defined within its own project plan. Each phase of the project shall include unit testing and integration testing.

The first project will be to implement the personal planning software on Microsoft Windows 10. This project will create the necessary infrastructure to support all the other sub-projects. The infrastructure will be created first on Microsoft Windows 10, then Linux and then deployed to a cloud based solution.

The second sub-project is the implementation of the planning system and the infrastructure on Linux.

The third sub-project is the deployment of the infrastructure to the cloud. This will include the implementation of the multifactor authentication.

The fourth sub-project is the implementation of the personal planner on iOS.

The fifth sub-project is the implementation of the personal planner on OSx.

The final sub-project is the implementation of the personal planner on Android.

### 4.3.3 Impact Paragraph

A personal planning system where a user can plan their day on one computer, and then maintain and alter their plan on their mobile device or other computers.

Put more information here.

## 4.4 Project Documentation

TBD

### 4.4.1 Related plans

Refers to sub plans assigned to different teams.

### 4.4.2 - Requirements documentation

TBD

Who owns the requirements? Where are the requirement documents?

## 4.5 Traceability

Each development plan will address traceability processes. At the minimum, all changes must be traced back to a PCI (Product Change Information) that has been documented in each development plan or handoff memo. Please refer to the development plans for these PCIs and additional information on traceability.

# Funding

This project is a demonstration, there is no outside funding for the project. All expenses except for project development have already been incurred and payed.

# Project Team

|  |  |  |
| --- | --- | --- |
| **Responsibility** | **Team Member Name** | **Business Affiliation** |
| Product Management | Paul Chernick |  |
| Development Management | Paul Chernick |  |
| Deployment Management | Paul Chernick |  |
| Project Manager | Paul Chernick |  |
| Requirements Management | Paul Chernick |  |
| Unit Testing | Paul Chernick |  |
| Product and System Test | Paul Chernick |  |
| Release owners/contacts | Paul Chernick |  |
| Field Support | Paul Chernick |  |
| Product Support | Paul Chernick |  |
| Publication coordinator | Paul Chernick |  |
| Purchase Order Tracking | Not Applicable |  |
| User Test | Paul Chernick |  |

# Deliverables

## 7.1 Software

## 7.1.1 Change Items to be Addressed

## 7.1.2 Pre-Shipments

There are no pre-shipments, there will be applications that can be downloaded for Windows, Apple OSX, Linux, iPhone, iPad and Android.

## 7.2 Hardware Dependencies

There are no hardware requirements at this time.

## 7.3 Publications

The publication plan will list all the related formal publications that may be created for this release. Please note, all each item in the list below is a link to that document in the client account at chernicksw.com.

* System Administrator Document
* User Document
* Development Plan
* Test Plan
* Architectural Document
* Design Document

## 7.4 Training

Deployment plan will provide the external training plan inclusive of security related topics. Internal training plans will also be covered in each development plan.

## 7.5 Support Services

### 7.5.1 Deployment Support

Describe how product will be deployed and who is responsible.

# Development Delivery Strategy

## 8.1 Project Assumptions

### 8.1.1 Target systems environment

Describe target system environment.

More target system environment.

### 8.1.2 Deployment strategy

The deployment plans will address deployment strategy on target hardware, the accompanying security systems, and their roll out strategy.

### 8.1.3 Roles and Responsibilities

• Each development manager is responsible for the timely delivery of his/her components. He/She is also responsible for the timely delivery of any component that is contracted out to other vendors. Each development plan must document the vendor plans and schedules.

• Deployment managers will be responsible for clearly documenting the High Level Requirements. They will be responsible to obtain the business sign off on the finalized High Level Requirements and to ensure that the security checklist process has been completed prior to any shipments. Deployment managers are the liaison between development and the businesses. They will be responsible to pre-ship/ship the Global CAT software to the business when it becomes available and communicate the impact of the software changes

• Requirements team will be responsible for analysis and to clearly document the detailed requirements and Application Specifications (APS), Business Configuration Data (BCD) and Business Configuration Parameters (BCP). This will be tracked as part of the project.

• DIT team will be responsible for integration test and packaging of the software for all the target businesses. The DIT team also conducts SIT for the U.S. business.

• PT will test and certify the software on the appropriate business hardware.

• Publication responsibility will be to coordinate and complete formal publications for the release.

• SQA responsibility is to review and validate that the PCM binder is up to date and contains all the needed documents in addition to what is defined in section 1.9.

• Project manager will maintain the release content list in the project plan. After the release contents list is finalized and frozen (i.e. the initial product content, not STR fixes) additional content can only be added with the explicit agreement of the project manager and senior management.

• PT must certify the release before it can be rolled out to any business.

### 8.1.4 Other

• Handoff contents and delivery schedules are changed only with the agreement of all affected parties and senior management.

This plan only provides the schedule for the deployment of businesses listed in this document. Deployment of this release to other businesses needs to be planned and scheduled separately.

## 8.2 Base for Software Development

This is an entirely new project, there is no existing software to use as a base for development.

## 8.3 Tools to be used

MySQL – This project requires a database as a container for planning data. Due to the limitation of funding an open source database solution is being selected.

Visual Studio 2015 will be used for code development on Windows 10.

Eclipse will be used on Linux for code development.

Xcode will be used for development of the OSx and iOS portions of this project.

## 8.4 Development and Integration Test Site(s)

TBD

## 8.5 Progress and Status Reporting Methodology

TBD

## 8.6 Meeting Days, Time, Place

Since this is a one man project there are no meetings.

## 8.7 Development Iteration Definition

The first project will be to implement the personal planning software on Microsoft Windows 10. This project will create the necessary infrastructure to support all the other sub-projects. The infrastructure will be created first on Microsoft Windows 10, then Linux and then deployed to a cloud based solution.

The second sub-project is the implementation of the planning system and the infrastructure on Linux.

The third sub-project is the deployment of the infrastructure to the cloud. This will include the implementation of the multifactor authentication.

The fourth sub-project is the implementation of the personal planner on iOS.

The fifth sub-project is the implementation of the personal planner on OSx.

The final sub-project is the implementation of the personal planner on Android.

## 8.8 Project Milestones

Refer to the project schedule for the milestones.

# Dependencies

## 9.1 Inter-Partner Dependencies

TBD

## 9.2 External Project Dependencies

3D software module.

## 9.3 Hardware Dependencies

Enter hardware dependencies here.

# Inter-Organizational Items

## 10.1 Import and export preparation

Export and import in this case is primarily for sub-contractors working on the website.

## 10.2 Purchase Order Tracking

Name person or organization responsible for tracking purchases and purchase orders.

## 10.3 Shipments

May not apply to this project. All the shipments are planned in advance and are tracked in the project schedule.

## 10.4 Maintenance Contracts

Each deployment plan will address the maintenance contract needs of their specific businesses.

## 10.5 Product Support Plans

TBD

# Risk Assessment

## 11.1 Identification of High-Risk Areas, Risk Management, and Contingency Plans

This section lists all the risks identified for this project. As needed, these risks will be monitored and discussed during the weekly project meetings. The official monthly risk reviews will no longer be planned and held.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID #** | **Description** | **Impact** | **Prob.** | **Risk Arrival Date** | **Mitigation Strategy** | **Status** |
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# Project-Specific Training

## 12.1 Staff Who Require Training

Each development plan documents their staff training needs.

## 12.2 Training Topics - New and Existing Technologies

Each development plan documents what training topics their development staff needs.

## 12.3 Methods to Achieve Training

Each development plan documents how their staff gets the training they need.

# Release Content

This release content documents all the PCRs to be included in the release. It also lists SCRs/STRs that were previously requested by the business and were agreed to be included in this release. The additional STRs fixed in the release by development will be treated as BAU and will not be documented here as the release content.