

Project: Inception Phase 1

I. User Stories

User Story 1: Title: To-do list

Description: A user will be able to maintain a to-do list of tasks to be completed.

User Story 2: Title: Birthday list

Description: A user will be able to maintain a list of individual's birthdays.

User Story 3: Title: Anniversary list

Description: A user will be able to maintain a list of individual's anniversaries.

User Story 4: Title: Contact list

Description: A user should be able to maintain a contact list.

User Story 5: Title: Appointments

Description: A user will be able to maintain a calendar of appointments and events.

User Story 6: Title: Website

Description: A user will be able to access and update the data from the application from the website.

User Story 7: Title: Email Notifications

Description: A user will be able to receive daily email notifications.

II. Project Estimate

User Story 1: User Story Estimate: 9 Days

Reasoning: It will take approximately five days to complete the initial functionality of the to-do list. It will take an additional four days to create a user interface and allow users to maintain more than one list.

User Story 2: User Story Estimate: 10 Days

Reasoning: It will take approximately 7 days to implement the birthday list into the appointments calendar created. It will take an additional 3 days to update the visual user interface.

User Story 3: User Story Estimate: 10 Days

Reasoning: It will take approximately 7 days to implement the anniversary list the user inputs into a calendar appointments view. It will take an additional 3 days to update the visual user interface.

User Story 4: User Story Estimate: 10 Days

Reasoning: It will take approximately six days to create the initial functionality of the contact list. It will then take an additional four days to merge it with the functionality of the birthday and anniversary reminder.

User Story 5: User Story Estimate: 11 Days

Reasoning: It will take approximately seven days to generate different calendar views - daily, weekly, and monthly. It will take an additional four for the user to be able to create appointments into their calendar.

User Story 6: User Story Estimate: 20 Days

Reasoning: It will take a few days to set-up the best database to store the data on the internet. We will also need to devise a way to automatically push and store all data placed in the application to the website and vice versa. This will require some work to get the application to communicate with the website database.

User Story 7: User Story Estimate: 12 Days

Reasoning: It will take approximately seven days to properly implement an email server to send out the notifications. It will take approximately the last six days to format emails for the various email notification options provided for the user to select.

III. Iteration Plan

Iteration 1 - 19 Days: This iteration will involve creating the to-do list and the birthday list where users will create birthday reminders for specific individuals.

Iteration 2 - 21 Days: This iteration will create the anniversary list that will allow the user to create anniversary events for specific people to occur at a certain date every year. This iteration will also include the appointments feature which will implement a calendar view so that the birthday and anniversaries entered can also be seen in the calendar view. The user can then create other events as needed.

Iteration 3 - 10 Days: This iteration will involve creating the whole contact system for the user in which the birthday and anniversary dates can also be added for these specific contacts so they can be managed and viewed in the calendar view created in Iteration 2.

Iteration 4 - 12 Days: This iteration will create the email notifications that allows the user to create email reminders on a daily or event driven basis so they can get their daily overview of their day delivered right to their inbox. They can also be sent notifications and reminders at intervals set by the user.

Iteration 5 - 20 Days: This iteration will include creating a website and a backend database to store synched data from the software application to the internet. This will allow for their data to be accessed and updated remotely and they can make any

changes as needed and when they go back to the application will find the changes already pushed to the software application itself.

IV. Big Stories

The only potential big user story would be the online website where users can access and change the data that they have loaded into the program remotely. There will be much involved with the technical side of the backend of the system in which how the data would remain in sync with each other from the program to the website and vice versa and then if the changes made would be pushed immediately to the application or the online interface. Also whether or not there will be a mobile version of the website for internet connect tablets and smart phones.

V. Assumptions

User Story 1: We are assuming that the user may want to create multiple to-do lists to manage such as a to-do list for personal, school, or work. Also the to-do list should allow the user to select due dates and also check the items off as completed when they are finished.

User Story 2: The user should be able to enter the birthdate of the person they would like to track their birthday. The system will add their birthday to the calendar and keep track of how old that individual will be each year.

User Story 3: The user should be able to enter the anniversary of the person they would like to keep track of their anniversary date. The system will add the anniversary to the users calendar every year and will keep track of how many years have past each year for the anniversary and notify the user.

User Story 4: The user should be able to main a list of contacts in which they would like to maintain their contact data. This includes a photo, name, address, phone number(s), fax number, along with any notes on the specific contact which they would like to include.

User Story 5: The user should be able to create multiple appointments in which they can also make reoccurring appointments for appointments that fall on the same time and day of the month or on the same date of the month. It will allow the user to manage multiple appointment calendars for work, school, or personal use. And will also allow the user to enter data about the appointment such as location, time, and date.

User Story 6: The website will remain in constant synchronization with the software application so whenever any data is changed in the application it is immediately changed on the website and vice versa. This setup will require the creation of a backend database to store the data remotely and be able to push the new data and content to the users application.

User Story 7: The email notifications system will push out emails on a daily basis to give the user an overview of what they have going on for the day. These

emails will be in HTML format so they will be very eye catching and easy to read. Users can also opt in to receive email notifications right before certain appointments or to remind them about items on their to-do list.

The only user story that remains a risk is the website as this will involve a lot of additional research into the backend user interface and how the data will be connected to the computer program itself and how they will communicate with each other so they both always have the most up to date information.