**TimelineXpress Project Plan**

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# Introduction

## **Scope and purpose of document**

This document provides the project plan for developing a software application called TimelineXpress. Details of the development include the scope, approximate schedule requirements, organization of the development team, and provisions for project tracking and control.

TimelineXpress is a new software application that allows the user to produce timelines for use in project planning or historical studies. Milestone events and time duration events are stored in an appropriately designed database.

# System Scope

## **Problem/Opportunity Description**

Most timeline applications are complex, with a steep learning curve. TimelineXpress aims to provide an easy-to-use browser application for producing timelines. Milestones and time duration events can easily be displayed. Applications include timelines for managing small projects, historical studies, class projects, building timelines for story writing, etc.

TimelineXpress will also include a database capability which will allow detailed information to be stored about the events captured on a timeline. This is especially useful for historical studies, or story writing, where more complex details are often needed than can be displayed on the timeline itself.

## **Anticipated Business/Personal Benefits**

Our company hopes to establish itself in the marketplace as a supplier of novel and useful small-scale software applications. The goal is to create an application for which users will be willing to pay a small fee.

Benefits from this application:

* Allows users to plot a timeline of world events, individuals, and milestones
* Helps students and teachers visualize history in a more interactive way
* Provides an easy and friendly user interface
* Allows comparison between two different timelines
* Easily correlates one type of event with another
* Can also be used for project management, research, education.

## **System Capabilities**

Major functions of the applications will be:

* A user-friendly graphical interface connected to a database program to store information content.
* The ability for a user to add, edit, and subtract from the contents of the database.
* Controls to prevent duplicate or conflicting information.
* The ability for a user to display timelines of historical events and world history events on two timelines, side-by-side.
* Providing an applet allowing more detailed searches and correlations to allow for customizing the timeline displays (one event class versus another).
* Allowing searches based on time or event type.

## **System Context Diagram**

A screenshot of a timeline

AI-generated content may be incorrect.

# **Schedule**

A separate Project Libre file includes detailed schedule information for the project.

# **Staff Organization**

*How is your team organized; who is the team leader and how are you organized?*

The team will follow Agile development principles during the execution of the project. The development team members, and their roles, are listed in the following table.

|  |  |
| --- | --- |
| **Role** | **Team Member** |
| Team leader/Developer | Walter Ulicki |
| Analyst/Developer/Database Specialist | Dana Tryon |
| Analyst/Developer/Web Design Specialist | Alexandra Lawler |
| Analyst/Developer/Test and Release Mgr | Gitti Esmailzada |

# **Tracking and control mechanisms**

The latest versions of all documents, schedules, and system diagrams will be maintained on a Google drive at the following Google account: [ulicki.walter@student.ccm.edu](mailto:ulicki.walter@student.ccm.edu)

The development team will use a Slack channel for communication. Frequent communication between team members will enhance the team’s productivity. The URL for the team’s Slack channel is: <https://app.slack.com/client/T08B03ZCSSZ/C08B03ZEQ2Z>

Software code for the TimelineXpress application will be controlled on a GitHub repository: <https://github.com/waltu546/softwareEngineering-repo>

Document and code reviews will be conducted through the Slack channel, and with occasional face-to-face meetings as deemed necessary by the team.