**Project Statement**

**Date:** 10/25/2021

**Version:** 1.0

**Contributors:** Dustin Savage

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| Project Title | Personal Digital Itinerary |
| Start Date | 10/20/2021 |
| End Date | 11/22/2021 |

**Project Background**

Keeping up with all the plans for a vacation can be difficult and time-consuming. A virtual planning solution is needed to keep track of all the possible activities for vacations.

**Project Objectives**

* Provide a functional digital itinerary for personal use.

**Definition of Success**

* The user is provided with a tool to keep up with details about their vacation and planned activities for their vacation to make planning less difficult.
  + Details go over activity names, categories, and prices, as well as the time needed to complete the activity and whether or not tickets are required. These give the user an overall outlook on potential activities to complete during their vacation.
* The user is provided with the option to view a summary of their vacation to allow them to see how their vacation went.

**Statement of Work**

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| --- | --- |
| **Scope** | **Details of Scope** |
| Provide a functional personal itinerary to reduce the difficulty and time needed for vacation planning. | A console application to keep track of vacation and activity details will be delivered. |
| Provide a way for the user to view and manipulate vacation details. | A tool that allows the user to add, edit, or delete various vacation details will be implemented. Vacation details included:   * IDs * Destinations * Start and end dates * Budgets |
| Provide a way for the user to view and manipulate a list of activities, as well as the details of each activity. | A tool that allows the user to add, edit, or delete various activities and activity details will be implemented. Activity details included:   * IDs * Names * Categories * Price ranges * Time constraints * Ticket requirements |
| Provide a way for the user to view activities that have not been completed. | A tool that displays all remaining activities will be implemented. The tool will allow the user to choose how remaining activities are sorted. Activities may be sorted by:   * All * Category * Time needed * Price range * Whether or not tickets are needed |
| Provide a way for the user to mark an activity as completed. | A tool that allows the user to select an activity for processing will be implemented. The tool will also allow the user to provide relevant information about the selected activity. Relevant information includes:   * Date completed * Money spent * User rating * User review * Whether or not the user recommends this activity to others |

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| **Scope** | **Details of Scope** |
| Provide a way for the user to see summarized information about various aspects of their vacation. | A tool that allows the user to view different summaries will be implemented. Summaries included:   * Full day-by-day of activities * Favorite activities * Incomplete activities * Recommended activities * Spending report |

**Project Timeline**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **October** | | | | **November** | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 1 | Week 2 | Week 3 | Week 4 |
|  |  | Planning (Oct. 20 – Nov. 3) | | |  |  |  |
|  |  | Development (Nov. 3 – Nov. 22) | | | |

**Project Resources**

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| **Who** | **What** | **Notes** |
| Jeff Lucas | Instructor | Professor |
| Jamie Hillman | Instructor | Professor |
| Emily Moye | Class Mentor | Lead Teaching Assistant |
| Preston Gates | Class Mentor | Teaching Assistant |
| Anne Larimer | Class Mentor | Teaching Assistant |
| Katie Mulholland | Class Mentor | Teaching Assistant |
| Ben Reeves | Class Mentor | Teaching Assistant |
| Hanna Rosenmertz | Class Mentor | Teaching Assistant |
| Makayla Townsend | Class Mentor | Teaching Assistant |

**Assumptions and Constraints**

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| --- | --- | --- |
| **Assumption/Constraint ID** | **Description** | **Importance** |
| C1 | Development cannot continue beyond the specified end date. | High |
| C2 | Application core must be written in the C# language | High |
| C3 | Application must be developed independently | High |
| C4 | Once given, requirements cannot change. | High |

**Project Reporting**

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| --- | --- | --- | --- |
| **Category** | **Recipients/Attendees** | **Message** | **Frequency** |
| Meetings | Jeff Lucas, Jamie Hillman, Emily Moye, Preston Gates, Anne Larimer, Katie Mulholland, Ben Reeves, Hanna Rosenmertz, Makayla Townsend | Questions, planning discussions | Twice weekly |
| Deliverables | Jeff Lucas, Jamie Hillman, Emily Moye, Preston Gates, Anne Larimer, Katie Mulholland, Ben Reeves, Hanna Rosenmertz, Makayla Townsend | Project plans | On completion/twice |