

# CAMPUS TRAILS

## Project Dashboard - Dec 6th



Prepared By:  
Hera Memon Mayher Sandhu Zachary Tarell  
Minh Duong Franco Lynn

# Campus Trails Refresh



*Project Status is Red:  
Criteria to green: Mitigate Issue*

## Summary

IT Developing, Inc. would like to create a solution called Campus Trails to assist students, faculty, and visitors of The University of Texas at Dallas in navigating across the campus. Campus Trails will allow the users to find classrooms, parking locations, construction zones/alternative route, event locations, and purchase items in the mobile app. Each of the user interface and training will be provided, as stated in the Statement of Work. We are currently 80% complete with the project!

**PM - Hera Memon**

## Financial Status

- Contract Value: \$500K
- CR's To- Date: \$112K
- Total Contract Value \$632K
- Invoiced To-Date: \$377K

## Key Achievements

- 2/7/20: Completed Design for Navigational Page
- 2/7/20: UI/UX Design Completed
- 2/19/20: Backend Design Complete
- 2/19/20: Signed off on Software Architecture Design Document
- 2/19/20: Design Phase Complete
- 2/24/20: Store Implementation Complete
- 3/5/20: Backend Implementation Complete
- 3/9/20: Navigation Page Implementation Complete
- 3/9/20: UI/UX Implementation Complete
- 3/9/20: Implementation Phase Complete

## Planned Activities

- Start Testing:
  - Pass the checklist of compliance
    - Backend 3/6/20
    - UI/UX 3/10/20
  - QA Testing
    - Test Cases 3/20/20
    - Defect testing 3/20/20
    - Testing Execution 3/20/20
    - Requirements Traceability Matrix 4/2/20

## Risks / Issues

- **Issue:** A project encounters a software defect with the Parking Lot map, and the team lead for developers fails to deliver a timely solution.
- **Risk:** The testing of UI/UX and Backend may find some standards incompatible or missing thus may need more days to complete, which may delay the QA testing
- **Risk:** The QA testing phase may discovers new bugs that may take more time to fix thus delaying the start of the deployment phase.

## Major Milestones

- Requirements Starts - Nov 27
  - Final Approved Requirements Document - Completed Dec 31
- Design Starts - Jan 1
  - Mobile Application Software Architecture Design Document - Ends Feb 19
- Implementation Starts - Jan 15
  - UI/UX Integration w/ Backend - Ends Feb 20
  - Security Integration - Ends Mar 5
- Testing Starts - Mar 6
  - Compliance Checklist - Ends Mar 19
  - QA Testing to Requirement Traceability Matrix - Ends April 14
- Deployment Starts - April 15
  - Transfer Ownership Contract - Ends April 24
- Product Deployment Starts - April 27
  - Goes Live - May 8
- Training & Maintenance Starts - May 11

# Program Risks/Issues (RAID)

| #  | Risk / Issue   | Mitigation / Resolution   | Owner                       | Due Date | Comments   |
|----|--|---|-----------------------------|----------|--|
| R4 | The testing of UI/UX and Backend may find some standards incompatible or missing thus may need more days to complete, which may delay the QA testing | 1) Check each component implemented with its respective standards<br>2) Start QA testing on component complied to the standards while continuing to make changes to the ones that do not                                      | Software Tester<br>1 - Lead | 3/1/2020 | This is a medium value risk.                     |
| R1 | The QA testing phase may discovers new bugs that may take more time to fix thus delaying the start of the deployment phase.                          | 1) Have developers test the components first before transferring them to the QA team<br>2) Have the QA team start testing individual component right after each component got implemented                                     | Software Tester<br>1 - Lead | 2/5/2020 |  |
| I8 | A project encounters a software defect with the Parking Lot map, and the team lead for developers fails to deliver a timely solution.                | 1) Have all the backend developers along with the software developers work overtime to resolve the issue.<br>2) Hire a third party company that specializes in resolving complicated software defects for a reasonable price. | Project Manager             | 4/9/2020 | Refer to contingency plan to resolve this issue. |

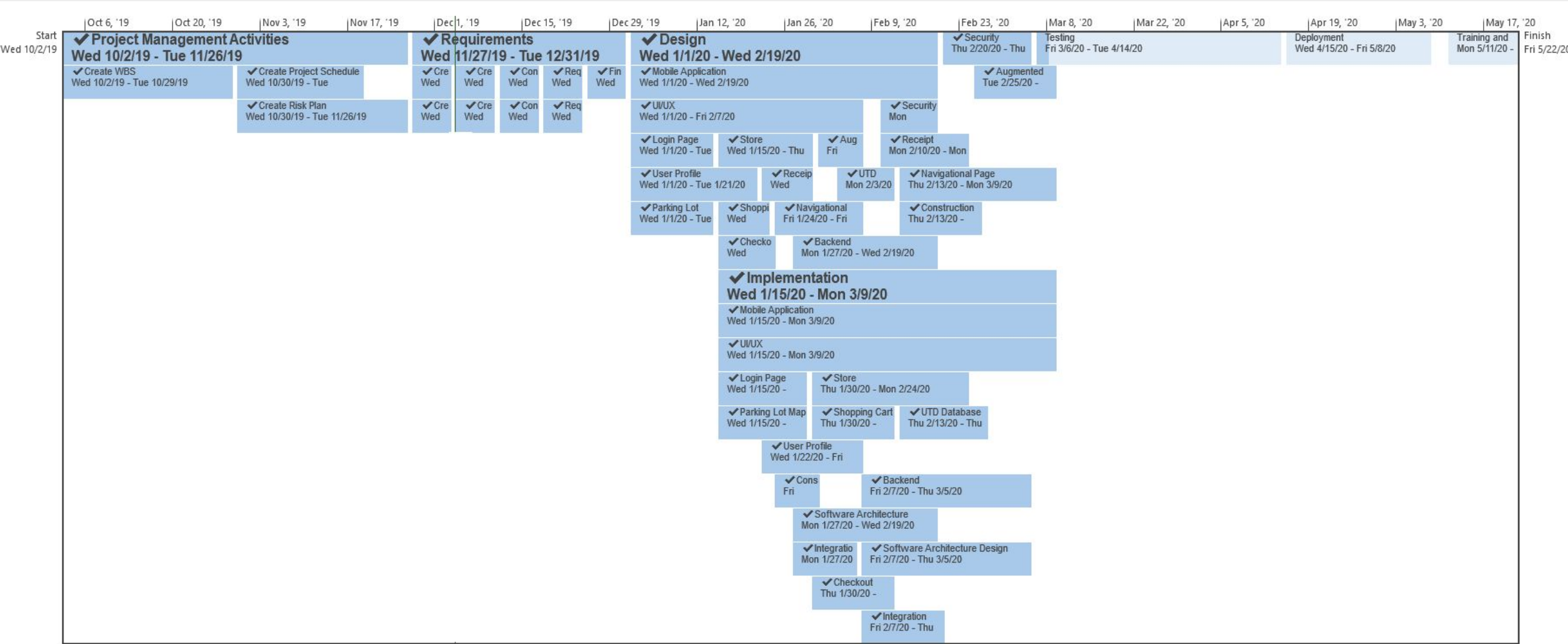
# Campus Trails - Project Milestones

## Critical Path / Key Milestones & Activities (R/Y/G/B)

| Milestone  | Status | % Done | Planned Start | Actual Start | Planned Finish | Actual Finish | Comments   |
|--|--------|--------|---------------|--------------|----------------|---------------|--|
| Requirements                                     | C      | 100%   | Nov 27        | Nov 27       | Dec 31         | Dec 31        | Accepted on December 31 by Project Manager, Senior Requirements Engineer, & Shareholders |
| Final Approved Requirements Document             | C      | 100%   | Dec 25        | Dec 25       | Dec 31         | Dec 31        | Approved by Senior Requirements Engineer   |
| Design   | C      | 100%   | Jan 1         | Jan 1        | Feb 19         | Feb 19        | Approved by Senior Design Architect  |
| Mobile App Software Architecture Design Document | C      | 100%   | Jan 27        | Jan 27       | Feb 19         | Feb 19        | Concerned about progress of Design Flow. Might Extend Approval of Design Document        |
| Implementation                                   | C      | 100%   | Jan 15        | Jan 15       | Mar 9          | Mar 9         | Approved by SE, SA, and PM   |
| UI/UX Integration w/ Backend                     | C      | 100%   | Feb 7         | Feb 7        | Feb 20         | Feb 20        | Were able to get early start w/ signed design document.                                  |
| Security Integration                             | C      | 100%   | Feb 20        | Feb 20       | Mar 5          | Mar 5         | Approved by Project Manager  |
| Testing  | G      | 5%     | Mar 6         | Mar 6        | April 14       |               |  |
| Compliance Checklist                             | G      | 15%    | Mar 6         | Mar 6        | Mar 19         |               |  |
| QA Testing to Requirement Traceability Matrix    | G      | 0%     | Mar 20        |              | April 14       |               |  |
| Deployment - Start to Live                       | Y      | 0%     | April 15      |              | May 8          |               | Deployment is dependent on testing and QA finalization that may not get approval on time |
| Transfer Ownership Contract                      | G      | 0%     | April 15      |              | April 24       |               |  |
| Product Deployment                               | Y      | 0%     | April 27      |              | May 8          |               | Dry Run/Rehearsals Starts April 27 - Ends May 8  |
| Training & Maintenance                           | G      | 0%     | May 11        |              | May 22         |               |  |

# Campus Trails - Timeline

80% Complete



# RAID - Key Actions (Completed)

| # | Description   | Originator      | Owner                          | Date Assigned | Due Date | Comments |
|---|---|-----------------|--------------------------------|---------------|----------|----------|
| 8 | Set up peer review sessions between developers team to inspect code.          | Project Manager | Developer 1-<br>Front End Lead | 1/15          | 3/20     |          |
| 9 | Set up peer review sessions between developers team to increase code quality. | Project Manager | Developer 2 -<br>Back End Lead | 1/15          | 3/20     |          |

# RAID - Key Actions (In-Progress)

| #  | Description  | Originator      | Owner             | Date Assigned | Due Date | Comments |
|----|--|-----------------|-------------------|---------------|----------|----------|
| 10 | The Software Tester 3 needs to send an email to remind the customer of the dress rehearsal on May 4. | Project Manager | Software Tester 3 | 04/21         | 05/05    |          |

# RAID - Decisions

| # | Description  | Owner             | Date  | Comments   |
|---|--|-------------------|-------|--|
| 6 | Software Tester 3 decided to make the Responsibility Traceability Matrix in Microsoft Excel instead of Google Sheets.                              | Software Tester 3 | 04/01 |  |
| 7 | The Project Manager decided to take the software product contract to the client instead of having the client come to the IT Developing, Inc. site. | Project Manager   | 04/10 |  |
| 8 | Software Tester 3 decided to take notes on his/her iPad instead of his/her laptop during the dress rehearsal testing.                              | Software Tester 3 | 05/01 | Software Tester 3 did not like the features provided in Google Sheets. |



# Change Requests

| Summary of CRs per Project Phase  | Phase  | Budget    | CR Submit Date | CR Accepted     | Comments   |
|---|--------|-----------|----------------|-----------------|--|
| Added more functionality to login page requirements   | Design | \$12,000  | 1/25           | Accepted -1/27  |  |
| Customer wants to hire a third party contractor to create the augmented reality                         | Design | \$30,000  | 1/25           | Rejected - 1/30 | Need an increase in budget to account for the third party contractor |
| Customer wants to hire a third party contractor to create the augmented reality with increase in budget | Design | \$100,000 | 1/30           | Accepted - 1/31 |  |