Project Charter

**Mission Statement**

We seek to provide security to the students and staff of Gwinnett Technical College through an interactive software platform that connects all users as a pedestrian community.

**Project Title**: Chappy

**Project Start Date:** 9/10/15 **Projected Finish Date:** 12/10/15

**Budget Information: $187,200 (est.)**

**Project Manager:** Ryan Brown, ###-###-####, rbrown5262@student.gwinnetttech.edu

**Project Objectives**

The Chappy application will accomplish the following objectives:

* Clients
  + Provide a SaaS solution for affordable, secure pedestrian travel to and from locations around the Gwinnett Technical College campus
  + Provide a social community platform for Gwinnett Technical College staff and students to meet in person
* Company
  + Generate revenue based on a SaaS subscription model for staff and students as well as in-application advertisement

**Main Project Success Criteria**

Upon project completion, success or failure will be determined by the following criteria within the following timeframes:

* Production Deployment
  + 100% deployment of all essential product features
  + 90% or more of all non-essential product features completed on deployment
  + Application deployment with 100% bug-free code
* Year 1
  + 60% Gwinnett Technical College population app usage
  + Fully realized IRR
  + Offers received from other campus’ for product expansion

**Approach**

*Application*

In order to meet the above criteria and objectives, the following systems and technologies will be used:

* Product Software/Hardware
  + Database
    - WinHost Cloud Hosting Service
    - Microsoft MSSQL 2008 R2
    - Microsoft Windows Server 2012
  + Application Server
    - WinHost Cloud Hosting Service
    - Microsoft Windows Server 2012
    - Microsoft Windows Communications Framework
    - IIS 7.0 with FTP enabled
  + Client (UI) Targets
    - Microsoft Windows Desktop
    - Apple iOS
    - Google Android OS
    - Web
* Development Software
  + Versioning: Git with GitHub (15)
  + Server: Microsoft Server 2012 (3)
  + IDE: Visual Studio 2014 (15)

*Labor Allocation*

The following team members will be allocated to the following portion of the project for its full duration:

* Leadership - Ryan, Adam
* Database - Cole, David, Corey, Binita
* Application - Blake, Jason, Tim, Jeremy
* Client (UI) - Stephanie, Ricky, Syam, Corey

*Project Phase Timeline*

The following is an estimated timeline of the project’s phases and deliverables:

* Phase 0
  + Pre project planning
* Phase 1
  + Database tables created
  + Application server created
  + Database/Application server integration verified
  + Version 1 of client wireframes created
  + Feasibility testing
  + Verification of Proof of Concept
* Phase 2
  + Client/Application server integration verified
  + Database stored procedures completed
  + Application server basic functionality completed
* Phase 3
  + Client look and feel polishing
  + Application bug fixing
  + Database query tuning
* Phase 4
  + Beta and UA testing
  + Bug fixing
* Phase 5
  + Product launch

**Project member signatures:**

**Project sponsor signature:**