Technical Specifications

Buena Vista – Family Engagement Application

## Centralized Repository:

GitHub has been used for the centralized repository in which we have kept documentation and code. You can access the dashboard here: <https://github.com/h4tcbvapp>. The discussion thread can be found here: <https://github.com/orgs/h4tcbvapp/teams/champions>

## GitHub Login Information:

GitHub User: h4tcbuenavista

GitHub Password: v0lunteer

## Source Retention:

All of the code is housed in Github at the following address: <https://github.com/h4tcbvapp/Messenger>

## Branching Structure:

* Master
  + Dev
    - Feature 1
    - Feature 2

## Technology Stack:

Hosting Environment: Microsoft Azure

OS: VM = Windows 2016 | .NET Framework 4.7.1 | 60gb hard drive | 8gb memory

Development tools\dependencies:

* Visual Studio 2017
* .Net Core 2.0
* NPM Installer
* AngularJS Typescript 4.6.2
* Bootstrap 4.0
* SQL Server 2016
* SMTP Web services in Azure

## Application Artifacts:

To be defined

## Continuous Delivery:

Not automated. This is currently a manual push from a developer’s machine into Azure.

## Documentation Artifacts:

* Architecture Diagram
* Application Database Model
* Database Schema
* User Requirements
* Data Flow Diagram
* Project Charter
* Security Matrix
* Test Plans
* Technical Specifications

## Testing/Performance:

Manual Testing has been identified. No automated testing has been implemented. Currently, no performance or load testing has been conducted as Hack-a-thon produced a proof of concept that will be developed at a later point.