Appendix A

Project Plan

eLation Cross Platform Mobile Apps

for Innovative Systems, LLC

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September 27, 2012

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# Introduction

## 1.1 Project Overview

The purpose of this project is to create a series of mobile applications that will allow a user to access the functionality of the existing Innovative Systems eBill website through either an Android or Apple phone or tablet. This functionality includes a secure method of logging into the device, the ability to modify account settings, access to previous billing invoices and summaries of service, payment processing capability, access to usage statistics, and support information.

## 1.2 Project Deliverables

* Project Design Document
* Project Plan Document
* Product Backlog (with User Stories)
* Software Test Plan and framework
* Release version of iOS and Android software and any required supporting framework (Source Code and Compiled)

## 1.3 Evolution of the Project Timeline

Section 2.0 of this document, including all subsections, will be modified, appended to, or removed as stated within this section. While this project may continue internally at Innovative Systems, LLC, beyond the scope of the 2012-2013 Senior Design cycle, the members of the Senior Design Team are not required to continue work on the project past the date of May 3rd, 2013, unless arranged outside of the Senior Design Project.

The subsections under 2.0 will be updated and evaluated as sprints are completed and new sprints begin. Any necessary updates, modifications, or additions to the schedule will be made by the Senior Design Team with the approval of Brian Butterfield.

A second set of software to include an application for tracking trouble tickets may be added at a later date, with the approval of the Senior Design Team and Brian Butterfield. If this event occurs sections 1.1, 1.2, and 2.\* Sprint subsections will be updated to reflect the additional requirements.

# 2.0 Timeline

## 2.1 Sprint 1: September 19, 2012 – October 3, 2012

* Environment Setup
  + Set up IDEs on Mac, Windows
  + Set up code repository
* Development
  + Build test SOAP communication to Android and iOS devices
  + Build Android and iOS layout
* Documents
  + Team Name
  + Design Document
  + Software Contract
  + Mission Statement
  + CONOPS
  + User Stories

## 2.2 Sprint 2: October 10, 2012 – October 31, 2012

* Environment
  + Get eBill service installed on local server for testing
* Development
* Documents

## 2.3 Sprint 3: November 7, 2012 – December 5, 2012

* Environment
* Development
* Documents

## 2.4 Sprint 4: January 16, 2013 – February 6, 2013

* Environment
* Development
* Documents

## 2.5 Sprint 5: February 13, 2013 – March 13, 2013

* Environment
* Development
* Documents

## 2.6 Sprint 6: March 20, 2013 – April 10, 2013

* Environment
* Development
* Documents

## 2.7 Design Fair: April 16, 2013

* Present Project

## 2.8 All Materials Due for Senior Design Class: April 25, 2013

* All Deliverables must be completed by this date.