About Eleven Fifty Consulting

Eleven Fifty is two companies. Eleven Fifty Academy (EFA) and Eleven Fifty Consulting (EFC). EFA is a non profit academy that teaches coding through accelerated learning programs. EFA Focuses on iOS, Android, .NET, JAVA and JavaScript, teaching junior developers to the professional who is looking to refresh their skill set. Our course rates are subsidized by corporate sponsors who are interested in hiring our alumni.

EFC is a mobile and web app company, we also provide staff augmentation. We partner with funded startups to the Fortune 500 to design and build custom software solutions; web, cloud, and mobile app development. Whether you need to modernize outdated software, build something new from scratch, or augment your team to meet a critical deadline, We can help. Because EFC hires the top alumni from EFA into a 6 month apprenticeship program we have figured out how to maintain high quality and productivity by keeping everything 100% in the USA, all while keeping our price below or competitive with offshore. It's a model that has afforded us explosive growth.

Scope and Deliverables

EFC will work with Eleven Fifty Academy to develop AIMS (Apprentice Internship Management System). Eleven Fifty Academy will jointly develop the project using their upcoming apprenticeship group to keep costs low and provide learning experiences for the students. The AIMS application works to resolve numerous pain points that plague the academy administrators, instructors, and students.

Upon completion, the participating apprentices and all future apprentices will have a functional template architecture that demonstrates best practices in communicating with a back-end API powered by a custom relational database, with multiple user interfaces for web, iOS, and Android.   Additionally, students will gain exposure to multiple actor viewpoints in the same application, including student, teacher, and administrator.

The completed project will be an adaptable legacy product that benefits all parties involved. Future cohorts can expand upon to address future needs of the academy while greatly enhancing their portfolio with a full stack product that they built.

The remainder of this document outlines the approach, costs, and timeline for execution of this Statement of Work.

Deliverables

Eleven Fifty will provide the following deliverables as part of the statement of work:

- Technical Design Document
- Apprentice lab assignments

    - Database / JSON lab assignment
    - API lab assignment
    - Student portal lab assignment

- Admin portal lab assignment
- Native iOS Application written in Swift
- Native Android Application written in Android

Features

The native mobile apps will include the following features:

- Registration / Account Creation - Basic username / password only
- Login / Forgot Password / Logout
- Course Schedule Calendar Interface with times & locations
- Raise Hand - Allows students to ask questions during class without drawing attention to themselves
- Location Punch Card - Utilize geofences to check people in / out
- Weekly Score Card - Ability for employers and apprentices to provide smiley face grading on a list of admin defined criteria
- User Profile - Typical user profile
- User Profile Flags - Key / Value list of flags to show on profile, NULL value flags ommitted from profile
- Apps will be developed with a mind to future white-labeling
- The app will be architected to support a user having membership in one or more user groups as well as filtering to a single group

Exclusions

The following items are specifically excluded from the scope of this project:

- Features not specifically defined in this Statement of Work
- Custom tablet UI - App will work in scaled mode
- Windows Phone mobile app
- Localization support
- Deployment to Production
- Score card results, trends, and reporting will be provided in the Admin portal, not mobile apps. Mobile apps will provide collection of score cards only.
- Development of the Database, API, Student Portal, and Admin Portal. These will be developed and delivered by Eleven Fifty Academy apprentices

Dependencies

- Eleven Fifty Academy apprentices must complete all lab assignments and deploy the backend database and API prior to Eleven Fifty consulting beginning development of the mobile applications
- App specific art work to be provided
- Subject to App Store Guidelines
- Access to existing App Store Accounts (if applicable)

Assumptions

The following assumptions were made in the creation of this estimate:

- Client will provide any app specific art work
- Customer will assume all costs related to hosting
- Customer will assume all costs related to creation of App Store account Client will commit sufficiently responsive resources for User Acceptance Testing

- Customer will provide all design elements
- Company will be provided with all in-app content such as videos and wording by dates mutually agreed upon
- Customer will fulfill any request for assets in 2 business days
- Deliverables will be built to support an English language interface.

Roles and Responsibilities

Eleven Fifty

Project Management

It is ELEVEN FIFTY's responsibility to ensure that the scope of the project is adhered to, and that all timelines, quality measures, and budgetary goals are met. The best way to ensure success is through a strong project management approach. This approach is ELEVEN FIFTY's responsibility.

Application Development

ELEVEN FIFTY is responsible for managing and completing the tasks in this plan associated with application development. These tasks must be completed in a manner that meets the quality standards of all firms involved, as well as meeting the established timeline milestones.

Testing

Completing testing tasks in a thorough and timely manner is critical to the overall success of this initiative. Accurate and timely testing of the application, prior to making it available for user testing, is critical to the success of this project. Completing Unit, Integration and System testing for all functional elements within the plan timeline is the responsibility of Eleven Fifty Consulting.

Development Server

Development of the System will occur at ELEVEN FIFTY's facilities and will be hosted on ELEVEN FIFTY's servers during the development process unless otherwise required by Eleven Fifty Academy. ELEVEN FIFTY will coordinate with Eleven Fifty Academy to mimic a similar environment to the existing Eleven Fifty Academy environment for development and QA purposes.

Eleven Fifty Academy

Licenses

All third-party software licenses will be acquired by and maintained by Eleven Fifty Academy.

Coding Standards

Eleven Fifty Academy will provide ELEVEN FIFTY with documents or instruction on any coding standards required to which ELEVEN FIFTY's developers must adhere.

Hosting

All final application and service hosting will be performed on Eleven Fifty Academy's choice of appropriate hosting provider.

Testing

Completing user testing tasks in a thorough and timely manner is critical to the overall success of this initiative. Completing user acceptance testing for all functional elements within the plan timeline is the responsibility of Eleven Fifty Academy.

Scope Change Control

It is the responsibility of Eleven Fifty Academy to adhere to the scope of work defined in this document. It is understood by all parties that changes may occur during the course of development. It should further be understood that those changes will result in altering the stated project timeline and budget. It is in the best interests of both parties that scope changes during the course of the project be minimized. All changes must be documented and processed using the Change of Scope form. The change will be jointly reviewed and agreed upon by company and client.

Timelines

In order to control costs and meet the deadlines established for this project, it is critical that tasks assigned to Eleven Fifty Academy be completed within the timelines established for this project. Should Eleven Fifty Academy be unable to meet the timelines established for this project, additional costs will be assessed to offset the cost of time spent on the part of ELEVEN FIFTY.

Status Meetings

Regular status meetings will be scheduled weekly during the course of this project. It is the responsibility of Eleven Fifty Academy to ensure that needed resources are available for those status meetings, and that any issues raised are resolved in a timely and complete manner. Status meetings will be at a day and time mutually agreed upon by Eleven Fifty Academy and ELEVEN FIFTY. Status meetings may be conducted via conference call or in person.

Completion Criteria

This project will be considered completed upon the successful completion of user acceptance testing and go-live of the project.

User acceptance testing will consist of verifying the completion of the criteria outlined in this document. Alterations to functionality that are required after the completion of user acceptance testing will have additional incremental costs associated with them. This does not include bug fixes to allow proper functionality (i.e., items that cause error messages to return are bugs). However, all other alterations to functionality, regardless of their appearance within this initial scope document, will result in billable charges after the completion of user acceptance testing.

Project Timeline

The following delivery dates are original estimates for the launch of the product assuming a project start date. These dates will be defined when the Technical Design Document (TDD) has been created in the first phase of the project.

Deliverable	Est. Delivery Date
Technical Design Document (TDD)	Approximately 1 Week from Project Kickoff Meeting
Student labs	Within 2 weeks of TDD signoff
Multiple Check Point Demos	Throughout project beginning after delivery of student endpoints. To be defined in TDD
Project Completion	To be defined and agreed upon in TDD

Investment
Conversion and Modification Costs (Time & Material)

The following is for estimation purposes only as the project will be done on a time & material basis. The T&M cost estimates are associated with the Scope and Deliverables. The estimate can be adjusted after the Technical Design Document (TDD) has been generated during the first phase of the project.

Description	Qty	Rate	Total Cost
Android Senior	101	$125.00	$12,625.00
IOS Senior	84	$125.00	$10,500.00
JAVA Senior	24	$125.00	$3,000.00
Project Manager	8	$125.00	$1,000.00
QA Tester	37	$75.00	$2,775.00
		Total Term Cost:	$29,900.00

Payment Terms

- Payment in full is due prior to project kickoff

Electronic Acceptance of Document

Presented to:

Eleven Fifty Academy
May 18, 2016, 8:15:11 PM

Accepted by:

Bob Alcorn
ralcorn@elevenfifty.org
June 02, 2016, 10:04:44 AM
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