**Software Requirements Specification**

**for**

**FABEC**

**(Fort Andres Bonifacio Evangelical Church)**

**Version 1.0 approved**

**Prepared by**

**Jhun Michael Tabudlong**

**Markim Africa**

**FABEC**

**1/26/2015**

**1. Introduction**

**1.1 Purpose**

- To help update all the current members of the FABEC to the newest church activities, tracking the events, financial statement, members, feedbacks of the members and prayers. The system should be able to synchronize and manage the church’s overall activities and to keep track of everything the church is committed for.

**1.2 Document Conventions**

- This document was intended to the Church members held by Sir Allen. We provide the FABEC Reports tracking system fitted for their organizational needs.

**1.3 Intended Audience and Reading Suggestions**

**-** The system was intended forall members of the church including the Leaders, Technical Staff, Accounting, & Council.

* 1. **Product Scope**

-The Scope of this system is to provide church members solely the benefit to access the schedule of events, online prayer request, and ministry updates and reports of the church. Also, to the council and administrators of the church they are entitled to post, to review, and to keep track of the reports on prayer request, membership, financial statements, events, and ministries.

**1.5 References**

<List any other documents or Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document. Provide enough information so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.>

**2. Overall Description**

**2.1 Product Perspective**

<Describe the context and origin of the product being specified in this SRS. For example, state whether this product is a follow-on member of a product family, a replacement for certain existing systems, or a new, self-contained product. If the SRS defines a component of a larger system, relate the requirements of the larger system to the functionality of this software and identify interfaces between the two. A simple diagram that shows the major components of the overall system, subsystem interconnections, and external interfaces can be helpful.>

* **Our system is not a part on any larger system it is a newly created system which will provide functionalities requested by our client.**

**2.2 Product Functions**

<Summarize the major functions the product must perform or must let the user perform. Details will be provided in Section 3, so only a high level summary (such as a bullet list) is needed here. Organize the functions to make them understandable to any reader of the SRS. A picture of the major groups of related requirements and how they relate, such as a top level data flow diagram or object class diagram, is often effective.>

* **Online membership – For those people who is willing to join their organization can be easily register by the use of this. They just have to fill up those requirements listed online and have a faster process.**
* **Online event registration – For those who are members of the church they can register an event online, and after that they only wait for the approval of the church council.**
* **Online calendar of events – An online calendar shows every upcoming registered events of the church.**
* **Prayer requests/concerns – This feature will received any prayer request made by the church members.**
* **Updated news feeds of the pastors weekly messages – This feature will be a news updates which will consists of church weekly messages, upcoming large event, and etc.**
* **Tracking system for their events, church needs, financial statements, etc. – This feature is an added feature which will be a tracking functionality for church financial statement such as tithes and offerings, donations, weekly to monthly report of the church expenses.**

**2.3 User Classes and Characteristics**

* **Anonymous users are the users who is not a member but they can view web pages but they cannot use any functionalities of it.**
* **Church members will be allowed to use web functionalities such as online membership, event registration, view calendar events, and prayer request.**
* **Church staff will be allowed to use any web functionalities and they can manage any user members, they can also use the financial tracking functionalities, and they can also update the current website.**

**2.4 Operating Environment**

<Describe the environment in which the software will operate, including the hardware platform, operating system and versions, and any other software components or applications with which it must peacefully coexist.>

* **Requirements**
* **Processor: Intel(R) Atom (TM) CPU N570 @1.66GHz 1.67GHz**
* **Memory(RAM): 2.00 GB**
* **System Type: 32 – bit Operating System**
* **Internet Connectivity**

**2.5 Design and Implementation Constraints**

<Describe any items or issues that will limit the options available to the developers. These might include: corporate or regulatory policies; hardware limitations (timing requirements, memory requirements); interfaces to other applications; specific technologies, tools, and databases to be used; parallel operations; language requirements; communications protocols; security considerations; design conventions or programming standards (for example, if the customer’s organization will be responsible for maintaining the delivered software).>

**2.6 User Documentation**

<List the user documentation components (such as user manuals, on-line help, and tutorials) that will be delivered along with the software. Identify any known user documentation delivery formats or standards.>**Software Requirements Specification for <Project> Page 3**

**3. External Interface Requirements**

**3.1 User Interfaces**

Login - The Login feature is set up to determine what kind of user is going to use the system. The roles will be divided into two, the administrator or the super user which has access to all the features of the system, and the normal user which has limited access to some of the features. Additional roles and privileges can also be added by the administrator to normal or defined users if needed.

Home Page - Its purpose is to be the first page the administrator or normal user sees after logging in. It can also be viewed in the log in page even if a user   
hasn't log in yet.

Financial Status Page (Admin only) - Any financial related data is stored here in table format and can also only be viewed by administrators.

Prayer Request Page – This page is where members will request their prayer. It has text field that you will fill up

Calendar – admin can create events that will be posted in the webpage

Search button – searching for member records and other things inside the web page

Upload files – upload their financial records to view them

**3.2 Hardware Interfaces**

To access FABEC reports tracking system they need PC.

**3.3 Software Interfaces**

*<Describe the connections between this product and other specific software components (name and version), including databases, operating systems, tools, libraries, and integrated commercial components. Identify the data items or messages coming into the system and going out and describe the purpose of each. Describe the services needed and the nature of communications. Refer to documents that describe detailed application programming interface protocols. Identify data that will be shared across software components. If the data sharing mechanism must be implemented in a specific way (for example, use of a global data area in a multitasking operating system), specify this as an implementation constraint.>*

**3.4 Communications Interfaces**

*<Describe the requirements associated with any communications functions required by this product, including e-mail, web browser, network server communications protocols, electronic forms, and so on. Define any pertinent message formatting. Identify any communication standards that will be used, such as FTP or HTTP. Specify any communication security or encryption issues, data transfer rates, and synchronization mechanisms.>*

**4. System Features**

Our website application has 5 major features, first we have **Online membership registration** for those people who is willing to join their organization can be easily register by the use of this. They just have to fill up those requirements listed online and have a faster process. Second **Online event registration** for those who are members of the church they can register an event online, and after that they only wait for the approval of the church council. Third is **Online calendar** of events, a calendar that shows every upcoming registered events of the church. Fourth **Prayer requests**/concerns, members who are registered may use prayer request in order for them if they were answered by God. Lastly the **Tracking system** for their events, church needs, financial statements, etc. This feature is an added feature which will be a tracking functionality for church financial statement such as tithes and offerings, donations, weekly to monthly report of the church expenses.

**4.1 Online Membership Registration**

**4.1.1 Description and Priority**

High Priority For those people who is willing to join their organization can be easily register by the use of this. They just have to fill up those requirements listed online and have a faster process.

**4.1.2 Stimulus/Response Sequences**

- The council will approve the membership application.

**4.1.3 Functional Requirements**

- PC & Internet

* 1. **Online event registration**
     1. **Description and Priority**

Medium priority, for those who are members of the church they can register an event online, and after that they only wait for the approval of the church council.

**4.2.2 Stimulus/Response Sequences**

- The council will approve the event application.

**4.2.3 Functional Requirements**

- PC & Internet

**4.3 Online calendar of events**

**4.3.1 Description and Priority**

Low Priority, a calendar that shows every upcoming registered events of the church.

**4.3.2 Stimulus/Response Sequences**

View the latest events of the church

**4.3.3 Functional Requirements**

- PC & Internet

**4.4 Prayer requests/concerns**

**4.4.1 Description and Priority**

Medium Priority, **Prayer requests**/concerns, members who are registered may use prayer request in order for them if they were answered by God.

**4.4.2 Stimulus/Response Sequences**

Request a Prayer

**4.4.3 Functional Requirements**

- PC & Internet

**4.5 Tracking system for their events, church needs, financial statements, etc.**

**4.5.1 Description and Priority**

High Priority, **Tracking system** for their events, church needs, financial statements, etc. This feature is an added feature which will be a tracking functionality for church financial statement such as tithes and offerings, donations, weekly to monthly report of the church expenses.

**4.5.2 Stimulus/Response Sequences**

Check financial Statements, events & church needs

**4.5.3 Functional Requirements**

- PC & Internet

**5.1 Performance Requirements**

*<If there are performance requirements for the product under various circumstances, state them here and explain their rationale, to help the developers understand the intent and make suitable design choices. Specify the timing relationships for real time systems. Make such requirements as specific as possible. You may need to state performance requirements for individual functional requirements or features.>****Software Requirements Specification for <Project> Page 5***

**5.2 Safety Requirements**

*<Specify those requirements that are concerned with possible loss, damage, or harm that could result from the use of the product. Define any safeguards or actions that must be taken, as well as actions that must be prevented. Refer to any external policies or regulations that state safety issues that affect the product’s design or use. Define any safety certifications that must be satisfied.>*

**5.3 Security Requirements**

*<Specify any requirements regarding security or privacy issues surrounding use of the product or protection of the data used or created by the product. Define any user identity authentication requirements. Refer to any external policies or regulations containing security issues that affect the product. Define any security or privacy certifications that must be satisfied.>*

**5.4 Software Quality Attributes**

*<Specify any additional quality characteristics for the product that will be important to either the customers or the developers. Some to consider are: adaptability, availability, correctness, flexibility, interoperability, maintainability, portability, reliability, reusability, robustness, testability, and usability. Write these to be specific, quantitative, and verifiable when possible. At the least, clarify the relative preferences for various attributes, such as ease of use over ease of learning.>*

**5.5 Business Rules**

*<List any operating principles about the product, such as which individuals or roles can perform which functions under specific circumstances. These are not functional requirements in themselves, but they may imply certain functional requirements to enforce the rules.>*

**6. Other Requirements**

*<Define any other requirements not covered elsewhere in the SRS. This might include database requirements, internationalization requirements, legal requirements, reuse objectives for the project, and so on. Add any new sections that are pertinent to the project.>*

**Appendix A: Glossary**

*<Define all the terms necessary to properly interpret the SRS, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each SRS.>*

**Appendix B: Analysis Models**

*<Optionally, include any pertinent analysis models, such as data flow diagrams, class diagrams, state-transition diagrams, or entity-relationship diagrams*.>***Software Requirements Specification for <Project> Page 6***

**Appendix C: To Be Determined List**

*<Collect a numbered list of the TBD (to be determined) references that remain in the SRS so they can be tracked to closure.>*