|  |
| --- |
| H2K Infosys - Global Software Training Company |
|  |
|  |

|  |  |  |
| --- | --- | --- |
|  | | |
|  | | H2K Infosys - Global Software Training Company |
| **I phone App for H2KInfosys**  Business Requirement Document | | |
|  | Version 1.0  Jan 25 2013 | |

Document Revision History

Every change and Modification to this document must be recorded in the revision history chart below.

**Document Location:** < Insert file path here >

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author/Editor | Comments |
| 1.0 | January 23, 2010 | Melani Neelavarnan | Initial version of this document. |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Glossary of Terms and Acronyms

To provide clarity, terms and acronyms used in this document are defined as follows:

|  |  |
| --- | --- |
| **Term / Abbreviation** | **Definition** |
| PDS | Project Definition Statement |
| BRD | Business Requirements Document |
| UML | Unified Modeling Language |
| ….. | ….. |
|  |  |

Insert more rows as needed.

**Table of Contents**

< Update as needed >

1 Introduction 6

1.1 Purpose 6

1.2 Scope 6

1.3 Software Context 6

1.4 Major Constraints 6

2 Usage scenario 7

2.1 User Profile 7

2.2 Special usage consideration 7

2.3 Use – Case 7

3 Requirements 10

3.1 Functional Requirements 10

3.1.1 Login - contact Submit form 11

3.1.2 Display Feed – Video, Materials, IT jobs Training courses 11

3.1.3 Compose Messages 11

3.1.4 Insert Images 11

3.1.5 Search 11

3.1.6 Access to other sites 12

3.2 Non Functional Requirements 12

3.2.1 Usability 12

3.2.2 Performance 13

3.2.3 Scalability 13

3.2.4 Data Feed 13

4 Behavioral Model and Description 14

4.1 Description of Software Behaviour 14

4.1.1 User sign up for course 14

4.1.2 Existing user logs in 14

4.1.3 Authenticate User 14

5 Mock ups 15

5.1 Home page 15

5.2 List of Courses 16

5.3 Specific Courses 17

6 Validation Criteria 18

6.1 Incorrect username 18

6.2 Invalid email 18

6.3 Invalid Search 18

7 Constrain Requirement 19

8 Sign Off 20

# Introduction

## Purpose

This document provides the requirements for the proposed iphone app for H2KInfosys.

The H2kInfosys iphone application is intended to provide the complete training courses as it appears in [h2kinfosys.com](http://h2kinfosys.com" \t "_blank). It will enable users to use their iphone to access their course details, Register for courses and participate in face to face training using their iphones.

The purpose of this document is to record the functional, quality and usability requirements into formats that are easily consumable for future analysis, architectural, and design activities and most importantly in a format that is understandable by all business partners.

## Scope

The Scope of this project will mainly be within the realms of the IPhone app. The input for the application will originate from the user as they participate in face2face training and use the blogs and forms to submit information and view videos. Output will include the application interface as it displays the information to the user and data uploads generated with new feeds.

## Software Context

*You can add to this or delete this*

## Major Constraints

*You can add to this or delete this*

# Usage scenario

## User Profile

Given the fact that iOS applications are not interoperable with any other OS, any user will necessarily be an iPhone owner. Amongst the iPhone owner crowd, there is only one type of user for this application. They are the ones who have installed H2KInfosys App in their iphones.

## Special usage consideration

The only requirements besides having an iPhone will be installing the H2kinfosys app in the iphone, and have an internet access

## Use – Case

**Use Case Model**

Use Case Figure 1 Shows the use case diagrams of the interaction between the User and the App..The Actor is the User.

Use Case Figure 2 shows the use case diagram of interaction between the App and the H2kinfosys database.



**Use Case** **Figure 1**

**Use case Figure 2**



# Requirements

## Functional Requirements

The Key Requirements of this iPhone app is as follows:

* Face 2 face Live online IT Training : Contact submit form
* The user must be able to attend face2 face live Training and must be able to contact submit request form for Trainings Like :

(Software QA Testing (Quality Assurance Testing , Manual Testing, Automation Testing - QTP, Performance Testing – Load Runner, SAP Testing, Mainframe Testing, Mobile Device Testing, ETL – Data warehouse Testing, JUNIT Testing, Web Services – SOA Testing – SoapUI Tool, Rational Quality Manager ( RQM ), Quality Center / ALM, Informatics, Java , J2EE, Microsoft ASP .net, C# .net, SAP BI, SAP Fi/Co, SAP CRM, Oracle DBA, SQL Server DBA, Business Analysis, BA, Project Management, PM, Selenium, Ruby, Rails, Watir, ISTQB, )

* Videos – The user must be able to view all videos
* Forums (Should be same as the one we are having in [h2kinfosys.com](http://h2kinfosys.com) site with QA Testing, QTP, Load Runner, Java/J2EE, Dot net, BA, ISTQB, and more...
* Blogs & Daily Class Notes
* IT Jobs – Users must be able to browse IT Jobs
* SEO, SEM, PPC, Social Media Marketing, Web Design
* Software Development, Testing

All the above modules should contain contains “Contact”, “Face book”, “Twitter” , “LinkedIn” , “Testimonials”, “YouTube

### Login - contact Submit form

A user will enter his/her credentials into the proper fields and the user will select the course he/she is interested in and a request is made to H2KInfosys and payment options are made available to the user..

I am not sure what else feature you want the contact submit form to display

We just need sample contact form with general fields, Name, Email, Phone, and Course.

### Display Feed – Video, Materials, IT jobs Training courses

The user on is able to view all Training courses, Viedos, Blogs, IT jobs, Forums, SEO,SEM,PPC details.

### Compose Messages

On entering in to Blog and Forums a window display and show a composition window with various rich text and multimedia options where the use is able to type in messages. The user can then enter his/her message and submit it to the H2KInfosys system.

### Insert Images

I am not sure if you want this feature , This is just an option

### Search

This function will display a search window in which the user can search for specific words in H2KInfosys system.

### Access to other sites

The user at any given time must be able to have access to other sites like Facebook, Twitter, LinkedIn, Testimonials and Youtube

## Non Functional Requirements

There are a number of quality considerations that will need to be addressed within the scope of this project.

* **Performance**: The overall performance of the app should be appealing to the users
* **Latency** : Time taken for the Page Load, Caching must be considerably short
* **Reliability:**
* **Visual appeal /Usability** – The app must be appealing for all kind of users
* **Scalability** ; Ability to interact and enhance in the future
* **Leverage open source**
* **Navigational Link :The Link to be displayed**
* **Videos Should play even when it is not connected to the internet/ Wifi**
* **New Videos and materials should be updated once the app is on Wifi**

### Usability

The app should be user friendly. Even a non technical people should be able to use it. And the app should be visually appealing for all kinds of users.

### Performance

Time taken for the Page Load

### Scalability

Ability to interact and enhance in the future

### Data Feed

The ability to update the video and materials as soon as new feed is received.

The Non functional requirements can be updated as it progresses

# Behavioral Model and Description

A description of the behavior of the software is presented.

## Description of Software Behaviour

### User sign up for course

New user sign up for course and joins the training

### Existing user logs in

Need to add more details

Need to discuss with Mr.Rao Sir

### Authenticate User

Application verifies user credentials and to which course they have registered

# Mock ups

## Home page

Home Page of H2KInfosys App( Mock up Figure 1)



## List of Courses

List of available courses (Mock up Figure 2)

**

## Specific Courses

Clicking on a Specific course – (Mock up Figure 3 )

The Detail description on Clicking on a specific Course, (Example QA Testing). [h2kinfosys.com](http://h2kinfosys.com)

We need Register for DEMO button on the screen (Top or Bottom) when user on any course page. While click on that pop up contact form need to display and after form submission also user will be on the same screen of course where user selected request for demo.

We have links to each topic in Syllabus section in course details page.

For example in BA Course Details page “http://www.h2kinfosys.com/courses/ba-online-training-course-details “.

In this page Syllabus section – Module 7 we have link for [How to identify an Use Case and Usage](http://www.h2kinfosys.com/ba-training/usage-of-use-case/)

Is these links and data will be updated in APP

# Validation Criteria

This section lists the various tests that will be conducted on the software. The tests are done to ensure the software is working properly, and how it will handle possible errors that may occur.

## Incorrect username

This error occurs when the users inputs an incorrect username when prompted.

## Invalid email

This error occurs when the user input an invalid email address.

## Invalid Search

This error occurs when the user incorrectly enters a search

# Constrain Requirement

In order to predict the success of the project, Project Management requires clarification around the following parameters, at a minimum. These requirements are discussed in more detail in the Project Charter.

**Time:**

[Example: The timing of this project is not flexible – it must be implemented by ....... in order to adhere to legislative changes.]

**Resources:**

[Example: This project requires significant testing resources]

**Scope:**

[Example: The scope of this project is flexible. OR the scope of this project is not flexible – only legislative specific changes can be made]

Almost fine need some changes that’s it.

# Sign Off

The undersigned have read and reviewed the contents of the attached Requirements and Use Case documents and agree they meet the business needs. We approve of what has been stated and authorize the project team to proceed.

Business Sponsor Date

IT Leader Date

Privacy Compliance Officer Date

< Name >