

Software Requirements Specification

Version 1.0

08-Nov-2014

Lead Dev Team

# **Revision History**

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| --- | --- | --- | --- |
| Date | Description | Author | Comments |
| 08-Nov-2014 | Initial Draft | Lead Dev Team |  |
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# **Document Approval**

The following Software Requirements Specification has been accepted and approved by the following:

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| --- | --- | --- | --- |
| **Signature** | **Printed Name** | **Title** | **Date** |
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# Introduction

## Purpose

This document is cover the Software Specification requirement and to identify the scope with exact deliverable of the solution of development team in order to satisfy client business needs.

Client(Blackshadow) side : Project owner and the team are involve review and finalize the Doc.

Development(Dev) Team : Lead and the team are finalize the requirement DOC with Product owner.

## Scope

Document mainly include below contents of the software solution.

Functional requirements

Non functional requirements

## Definition, Acronym and Abbreviations

### Definitions

### Acronyms and Abbreviations

|  |  |
| --- | --- |
| **Acronym / Abbreviation** | **Denotation** |
| **UAT** | **User Acceptance Test** |
| **UI** | **User Interface** |

# **General Description**

## Product Perspective

The website will be divided into two sides: E-commerce site and the Jobseeker site. **E-commerce website** will contains the latest advertisement being advertised by a specific seller. It will also be a venue for different on-line advertising. The **Jobseeker site** will contain latest trends about jobs posted by the different employers or companies.

## Product Functions

|  |  |
| --- | --- |
| **E-commerce website** | **View advertisements** |
|  | Contact or send email |
|  | Comment / view comments |
|  | Rate the product |
|  | **Add/Edit/Delete products**  **notifications** |
|  | Fixed advertisements |
|  | Events |
|  | News |
|  |  |
| **JOBSEEKER Site** | **View jobs** |
|  | Apply for a job |
|  | Attach CV |
|  | Rate the job |
|  | **Add/Edit/Delete Jobs** |
|  | Fixed advertisements |
|  | Events |
|  | News |

## User Characteristics

**E-commerce site**

|  |  |
| --- | --- |
| **E- Commerce (Advertising)** |  |
| **User Type** | **Activities** |
| **GUEST** | **Visit/View site** |
|  | **View Products description & info by category posted by the seller** |
|  | **Post comments** |
|  | **Register for membership** |
|  | **View recent posts, news or updates** |
|  | **Very Limited Access to the site features** |
|  |  |
| **REGULAR ACCOUNT** | **View & Review Products description & info by category posted by the seller** |
| **Fill-out the registration Form** | **Post comments** |
|  | **Manage his/her account (limited access)** |
|  | **Receive email notifications for news and updates** |
|  | **View recent posts, news or updates** |
|  | **Post up to three (3) Products to sell** |
|  | **Manage his/her Products being advertise** |
|  | **Limited Access to the site features** |
|  | **Upgrade his/her account (needs payment)** |
|  |  |
| **UPGRADED ACCOUNT** | ***Can do all features of REGULAR ACCOUNT*** |
| **Pay the corresponding FEE to upgrade the membership. (Through PayPal)** | ***Post more than three (3) Products to sell*** |
|  | ***View All Pages even the restricted pages for regular and guest*** |
|  | ***Full Access to user accounts and advanced site features*** |

**JOBSEEKER site**

|  |  |
| --- | --- |
| **JOBSEEKER** |  |
| **User Type** | **Activities** |
| **Guest** | Visit/View site |
|  | View Jobs description & info by category posted by the employer |
|  | Post comments |
|  | Register for membership |
|  | View recent posts, news or updates |
|  | Very Limited Access to the site features |
|  |  |
| **REGULAR ACCOUNT (EMPLOYER)** | View & Review Jobs and Applicant’s description & info by category |
| Fill-out the registration Form | Post comments |
|  | Manage his/her account (limited access) |
|  | Receive email notifications for news and updates |
|  | View recent posts, news or updates |
|  | Post up to three (3) Jobs to advertise |
|  | Manage his/her Jobs being advertise |
|  | Limited Access to the site features |
|  | Upgrade his/her account (needs payment) |
|  |  |
| **REGULAR ACCOUNT (JOB SEARCHER)** | View & Review Jobs description & info by category posted |
| Fill-out the registration Form | Post comments and resume |
|  | Manage his/her account (limited access) |
|  | Receive email notifications for news and updates |
|  | View recent posts, news or updates |
|  | Apply for up to three (3) Jobs |
|  | Manage his/her application or resume |
|  | Limited Access to the site features |
|  | Upgrade his/her account (needs payment) |
|  |  |
| **UPGRADED ACCOUNT (EMPLOYER)** | ***Can do all features of REGULAR ACCOUNT*** |
| Pay the corresponding FEE to upgrade the membership. (Through PayPal) | *Unlimited Posting of Jobs to advertise* |
|  | *View All Pages even the restricted pages for regular and guest* |
|  | *Full Access to user accounts and advanced site features* |
|  | *View and Review applicant’s info* |
|  | *Find most qualified applicant for the Job.* |
|  |  |
|  |  |
| **UPGRADED ACCOUNT (JOB SEARCHER)** | ***Can do all features of REGULAR ACCOUNT*** |
| Pay the corresponding FEE to upgrade the membership. (Through PayPal) | ***Unlimited Job Application*** |
|  | *View All Pages even the restricted pages for regular and guest* |
|  | *Full Access to user accounts and advanced site features* |
|  | *View and Review applicant’s info* |
|  | *Find the most suited job base from his/her qualifications* |

## Constraints and Dependencies

Contract with Hosting provider and available deploy package options.

* H/W constrains, maintenance policy. Security firewall rules, network bandwidth and throughput, data backup process...etc. Scaling and Lord-balancing feasibility.

## Assumptions

* Payment Gateway integration cost is included in Dev estimation. However obtaining merchant ID and gateway provider’s(third party) cost will be taken care by Blackshadow.
* LOGO will be provided by Blackshadow.
* Hosting and Domain and the service maintenance will be taken care by Blackshadow.

# Specific Requirements

## Web site

### Home page

Home page of the qatar one web site will consist with two major sections and each section will be having a link which will re-direct users to e-commerce or job seeker modules.

### E-commerce

#### Advertisement listing

* + - * 1. **All advertisements**

all the advertisements will be listed in this page and sort by recent.

* + - * 1. **Search by category, location and keyword**

search panel will have text box to search by keyword and location and category drop-downs will be narrow down the search results accordingly.

* + - * 1. **Filter by category**

listed results can be filtered by category and sub category by clicking on each category link

* + - * 1. **Filter by location**

search results can be further narrowed down to location and suburbs.

#### Advertisement detail view

Advertisement details will be shown with images and contact details.

* + - * 1. **Similar products**

recently added similar category products will be listed

* + - * 1. **Comments and reviews**

registered user will be able to make comments on a particular product or advertisement. administrator needs to approve the comment before publish on the site.

* + - * 1. **Rating**

registered user able to rate the products

### Job seeker

* + - 1. **Job category listing**
         1. **Job category listing with sub categories**
      2. **All jobs listing**
         1. **Job list**
         2. **keyword search**
         3. **location filter**

**location**

**suburbs**

* + - * 1. **Detail view**

**job details**

**job contact details**

**apply for job**

### Job employer

* + - 1. **contact applicant**

### User Profile

* + - 1. **register**

any user will be able to register with an unique email and a password with a selected user type or package type. email address needs to be verified through an activation email.

* + - 1. **login**

registered user will be able to login to the system with an email and valid password. content will be shown to the user according to the user category and permission.

* + - 1. **profile details and advertisement dashboard**
      2. **Add advertisement**
      3. **Edit advertisement**
      4. **Upgrade account**
      5. **Payment page**
      6. **Confirmation page**

### Breadcrumb

### Fixed advertisements

* + - 1. through out the system fixed advertisements should be displayed.
         1. banner advertisements managed by admin console

### FAQ

### pricing and packages

### Contact us

Contact us page have all the contact details of the Qatar one(address, email, telephone etc..) and the location will be shown on a map.

### Events

Event list will be listed in the page and clicks on the link will be re-directed to a detail view

### site map

site map will list all the pages of the web site and will be linked to the respective page

### terms & conditions

terms & conditions of the web site will be loaded from the database and can be configurable through admin console

### Privacy policy

Privacy policy also configurable from the CMS

## Admin console

### Login

### Dashboard

* + - 1. **approve advertisements**
      2. **approve comments**
      3. **statistics chart**

### Log console

### CMS

* + - 1. **slider management**
      2. **news**
      3. **events**
      4. **privacy policy**
      5. **FAQ**
      6. **terms & conditions**

### User management

### product category management

### job category management

### package type management

### Banner advertisement management

# Non-Functional Requirements

## Security Requirements

Application security will be taken care with the design and implementation. However Network security and data confidential need be taken care with Hosting provider.

## Usability Requirements

UI functionality will be implemented to give a rich UI experience to the user. Right now no such requirement identified. If any will be added to the SRS before the UAT version release.

## Technology Requirements

Will not be disclose information right now as per the developer policy.

## Compatibility Requirements

Able to run in tablets, phablets, smart-phones, laptops and desktops. Layout will automatically change depending on the device.

Compatible with the following browsers and browser versions on Windows 7 and Windows 8.1 (32-bit and 64 bit) in 1366x768 resolution upwards.

Internet Explorer 9+ ( excluding Compatibility mode)

Chrome v20+

Firefox v20+

## Extendability Requirements

Below things are in propose list and will be consider based on the priority provided by Blackshadow. Those will be taking as new requirements.

* Add video content as to enhance the advertisement details
* Email subscription and email marketing with customize ads
* Third party banner advertisement framework implementation

## Maintenance Requirements

a. Software maintenance (if any Defects/Bugs, hot fixes of first **production release version**) [Responsible Dev team]

b. Hosting and H/W maintenance [Responsible hosting provider]

c. Administrative and moderate - [Dev team]

If any new feature or change request will be taking as a requirement based on the difficult and developer effort involve.

## Performance Requirements

System design is considering the KPI. However once the system released to UAT performance benchmark will be evaluated. Once released to the production if any performance enhancements or system service scale up required with traffic increase, then it will be separately quote depend on the difficulty and dev effort involve.

## Change Management Process

Dev team will be created initial SRS and will be provide to Blackshadow.

PO(Product Owner) of Blackshadow will be reviewed the SRS and sign-off. If any changes to the SRS both PO and Dev TL will be discuss and update the doc accordingly.

After the SRS sigh-off if any change request comes it will be taking as a separate requirement and will be decide effort and priority by both PO and Dev team together.