



Product Development Scope Document

Job portal for healthcare professionals

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1 - INTRODUCTION

This is a product development scope document. This document is about to create Job portal for healthcare professionals

2 – ENGAGEMENT OBJECTIVES

This job portal is a platform/bridge between healthcare employers like Big or medium level hospitals to small clinics where, employers will find information about healthcare professionals and hire them for their various services related requirements. This job portal is specially for those who are connected to healthcare industries. This application will be a web application which will be hosted on popular cloud platforms like Azure, AWS or Google Cloud.

3 – PROPOSED SCOPE

There will be three major stack holders which will interact with the application.

1. Web application Administrator
2. Healthcare Industry Employer
3. Healthcare Industry Employee

Roles and functionalities which will be performed by Web application Administrator (Web Admin)

1. Web Admin will control the whole application. He can access any data.
2. Masters creation
 1. Job Category
 2. Sub-category (If required)
 3. Job Qualification
4. Plans and Pricing (We should give this facility right now even though we are going to implement in future)
 1. How many information access
 2. Resume download
 3. Number of users
 4. SMS plan (If required this functionality. You need to buy a bulk SMS package)
5. Country master
3. Users Management : Activate/Deactivate/Delete/Edit any Information
 1. Employer Users
 2. Employee Users
4. CMS (Content Management System)
5. Reports as per requirements

Roles and functionalities of Employer

1. Dashboard
2. Employer registration
3. Email verification (Phone verification if required and possible)
4. Plan selection and payments
5. View payment history
6. Jobs post management (Add/Edit/Delete/Activated/Deactivated)
7. Post job in advertisement format (Add/Edit/Delete/Activated/Deactivated)
8. Share jobs in social media
9. Applied job statistics
10. Search for candidates for various qualification wise, location wise, position preference wise
11. Access information as per subscription plan selected
12. Download resume
13. Reports related to posted jobs views, applied for particular jobs
14. Logs entries (Created/Modified)

Roles and functionalities of candidates

1. Employee Registration
2. Email and mobile number verification via email link and OTP respectively
3. Get the email alerts about posted jobs which matches with candidate preferences.
4. Search for jobs by employer, category, position, salary, location etc..
5. Upload the resume
6. Apply for jobs
7. Manage cover letter by using fix templates
8. Jobs shortlisting
9. View employer information

5– OTHER DEVELOPMENT SCOPE

1. Need to create OCR functionality for the resume uploaded in PDF/Image format and fetch the information from it and insert into database
2. Also need this functionality for Employer who are posting jobs in advertisement format
3. Candidate should be able to upload basic information and resume without registration which will be considered as provisional registration
4. After verification email and phone that will be considered as an actual registration which will be shown in search result for any employer. We must give some alert to candidate regarding this
5. New Jobs will be floated automatically in different social media automatically of portal owner which requires API of different social medias.
6. Whatsapp chat bot which requires API and some R & D about how this works.

6– APPLICATION HOSTING IN CLOUD

1. Microsoft Azure or Google cloud
2. Operating system: Linux (Ubuntu LTS Distribution)
3. Technology: PHP Technology version 7.0 +
4. Database: MySQL (Maria DB)
5. 16 GB RAM
6. 160 GB SSD
7. 10 GB of storage backup capacity

Note: Above is just a requirement assumption and can be changed at the time of actual discussion with the service provider

7– APPLICATION DEVELOPMENT APPROACH

1. Gathering primary information from the client side
2. Creating the UI as per the requirement and get approval
3. Actual development – wetting codes
4. Testing at developer end and UAT (User acceptance testing)
5. Final implementation on server
6. Application maintenance

Detailed Description of Each Phases as below:

Gathering primary information and client objective: This is very critical phase for any project development where client will explain the requirements and doubts about the application he/she is going to develop. In these phase if possible client and team of technical people from development company will sit together and discuss and brain storming about the project. In this phase developer will get sense about scope of the project.

Create UI as the requirement explained: In this phase developer team will create the UI of the project as per the client's explanation about the project. By reviewing the UIs client will get exact idea that how the application will look like, what will be the flow of it. So, all the necessary correction can be done that would help developer company to modify the mistake if any.

Development: Development should be only start after client will approve the UI and flow of application. This is necessary for a developer company to reduce correction and recitative development. Otherwise, this may affect working deadline and development efficiency.

Testing and Developer end and UAT: After development and during the development client will get test server access the track the development. After testing at developer end client will be given time to test application at his end and get the experience of the application so client can start getting used to the application and some of the issues like text mistakes, validation changes, operation issues can be addressed

Final implementation on server: After UAT (User acceptance testing) is passed, application is now ready to move from test server to production server. There are cases in past that even on production server some of the complex application is tested for few days to few months and then it is open for all its users and general public.

Implementation on server can be, either client uses his own in house server or client can go for third party server or cloud server. Its depends upon client choice that what options he/she want to go with.

Application Maintenance: Application maintenance of also a very critical phase after implementation. In this phase developer team will keep track of application behaviour and try to eliminate issue which will affect over all working behaviour of the application. However this will be considered as Post Implementation Support and will be of 4 weeks