Pharmaceuticals Company Design Document

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Semester:	3	
Batch No:	T1.1910.M3	
Group No:	3	
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REVIEW 1

I. <u>Acknowledgement</u>

First, we would like to express our gratitude to our dedicated instructor – Mr. Tran Phuoc Sinh. We would have not been able to finish this dissertation without his guidance and encouragement. During the time of the project, he continuously gave us constructive advises and showed his passion in teaching to help us reach the expected result of the projects. Therefore, we truly value his dedication and we learned a lot from him.

Next, we fully appreciate our team members who worked day and night to carry out and complete this project. Although sometimes there were challenges, but by through them, we learned a lot and our team bonds became stronger. The project is the result of our relentless efforts to improve through every step, our strong commitment to the expected outcome and our passionate spirit at one team.

Finally, we would send a huge thanks to Aptech's eProject team who gave us an excellent chance to apply what we have learnt theoretically into real products and gain experience as well as innovative mindset which is extremely vital for our future career and our end users.

II. <u>Problem Definition</u>

1. Introduction:

The pharmaceuticals sector is a highly R&D intensive industry. The XYZ is an Pharmaceuticals company which deals with products like Capsule/Encapsulation, Tablet, Liquid Filling, Blending, Process Equipment, Used Equipment. This organization now wants the entire process to be explained in as a web application so as to enhance the advertisement of the company and to increase its profit. For this the company has approached to make the website and also provided the list of the functionalities expected.

2. Existing System

The Company has approached you to make the website and also provided the list of all the links and functionalities provided. They also want to provide a link of making a career where the interested candidates can login and provide their information (like their personal and education, professional details and also they will have the link to upload their resume).

There would be link for User Quote where user can provide their valuable feedback or any requirement.

It also wants to explain the list of the process being carried along with the details and dimension. The Process like Capsule/Encapsulation, Tablet and Liquid Filling must be explained

III. <u>Requirement Specification</u>

1. Customer's Requirement Specifications

1.1. Website:

- Home Page: It should have the introduction description about the company. All the links must be stated in this page. The link like Home, About us, Products, Contact us, Careers, Quote, Admin Login.

- About us: it should flash the details of the Company (organization)

- Products: Here the list of the Products which are developed must be stated. Products like:Capsule/ Encapsulation,Tablet,Liquid Filling

- Contact Us: Here the contact details must be flashed.

- Quote us: Here the suggestion or effective feedback can be provided. The details like :

- Career: It will provide the candidate opportunity to apply for the job by creating their account. There will be two section one for Candidate Login and other creating the account.

- Admin login: it will have to main task

1.2.   Users:

- **For Career**: It will provide the candidate opportunity to apply for the job by creating their account. There will be two section one for Candidate Login and other creating the account.

  Candidate Login : It will open the particular candidate account by using authentication(with their existing email Id and password they select). Once the account is opened the candidate will get three tabs to be modify:

  - Resume (for uploading the resume)

  - Personal details

  - Education details

- Creating Account: Here the candidate account will be created by filling all the above mentioned details along with the password (authentication purpose)..

1.3.   Registered Users:

- Link will be enabled with all the previous function mentioned.
- Users get registered he/she must be allowed to login with their user name and password.

1.4.   Admin:

- Admin: it will have to main task

  The details of the site can be updated. Admin can also view the details of the job seeker candidate.

  If the candidate profile is found to be interest then their will be option of Email in the same page. Once the admin click on the email option then a composing mail window must be opened with option like TO, Subject, Text and Send button. In the text the admin will call the selected candidate for the interview.

2. System requirement specifications

2.1   Un-Registered Users:

REQ-01. View about Pharmaceutical Company .

REQ-02. Create or login to the website.

REQ-03. Send Contact.

2.2 Registered Users:

REQ-04. Login, logout in the website.

REQ-05. send career profiles.

REQ-06 view and edit your profile ,password.

REQ-07. Send feedback.

2.3 Function of Admin:

REQ-08. Login, logout.
REQ-09. View, delete feedback.
REQ-10.Manage Product.
REQ-11. View profile and send mail to candidates.
REQ-12. send feedback for users.

3. System requirement specifications
3.1.   Server requirements:
❖ Hardware:

Component	Requirement
CPU	Processor type: Pentium IV-compatible processor or faster Processor speed: Recommended: 2.0 GHz or faster
OS	Microsoft Windows XP or higher with IIS
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 2 GB or more
Hard Drive	Free space: Minimum: 200 MB Recommended: 50 GB or more Maximum: Operating system maximum

❖ Software:

Component	Requirement
ASP.NET Core	Version .NET Core 3.1
RDBMS	SQL Server

3.2.   Client Requirement

❖ Hardware:

Component	Requirement
CPU	Processor type: Pentium III-compatible processor or faster Processor speed: Recommended: 1.0 GHz or faster
OS	All OS(Window ,Linux ,Android ,Mac OS …)
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 1 GB or more Maximum: Operating system maximum
Hard Drive	Free space: Minimum: 10 MB

❖ Software:

Component	Requirement
Web Browser	IE 4.0 , Firefox 3.0,Chrome or Higher…..

3.3.   Development Software
   ❖ SQL Server.
   ❖ Microsoft Visual Studio 2019.

3.4.   Technology

Font end	**Html,Css,bootstrap 3.4.1 ,Jquery 3.5.1 Ajax ,Javascrip**
Back end	Asp.net core 2.1

TASK SHEET REVIEW 1

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
St. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Acknowledgement	Pharmaceutica Company	Nguyen Thanh Huy	23/01/2021	1	All member	Completed
2	Problem Definition			23/01/2021	1	All member	Completed
3	Requirement Specification			23/01/2021	1	All member	Completed
4	Task sheet review			23/01/2021	1	All member	Completed
Date: 23/01/2021							
Signature of Instructor: **Mr. Tran Phuoc Sinh**				Signature of Team Leader: **Nguyen Thanh Huy**			

REVIEW 2