GOVERNMENT POLYTECHNIC PUNE

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PRACTICAL 3

Title :-

To Develop Software Requirement Specification (SRS) using Use-Case Scenario.

Project Title :- Resume Builder.

Theory :-

Software Requirements Specifications(SRS)
1). Introduction

Resume is the first meeting between you and a prospective employer more often now than ever. So, how do you want to be remembered ?
Wrinkled and unorganized. Neat and structured. Long and boring. Precise and interesting. Companies do not have the time to interview every applicant that is interested in the job. If they did, there would not be a company to work for. They use an eliminating process. That's right - resumes. When a job seeker wants to apply for a job online then generally he/she needs to attach his/her resume with the email. Online Resume Building System provides the users the popular resume formats & a better way to show their resumes to the employers. A job seeker does not need to attach a resume with every email, he/she just has to include the URL of his/her resume and the employer can view the resume online by clicking on the link and can download as well.

1.1). Purpose :-

Purpose of Online Resume Builder is to provide a way to the customers to design their resumes according to their requirements.

a) Creating resumes online.

b)Customizing the look and details.

c)Keeping track of the customers and their resumes

1.2). Document Conventions :-

1. Database
2. Distributed Database
3. Entity Relationship
4. Web Pages
5. Database Connectivity

1.3). Intended Audience and Reading Suggestions :-

NA

1.4). Project Scope :-

Online Resume Builder can be used in accordance with the requirements of the customers. Customers can customize their resumes with their choice of themes & details. The services are hard to be defeated by the competitors as the system is providing the customers exactly what they want.

1.5). References :-

We are using following links for completion of our Project :-

➔ https://vdocuments-mx.cdn.ampproject.org/v/s/vdocuments.mx/amp/online-resume-builder-report.html?amp_js_v=a6&amp_gsa=1&usqp=mq331AQKKAFQArABIIACAw%3D%3D#aoh=16342897724029&referrer=https%3A%2F%2Fwww.google.com&amp_tf=From%20%251%24s&ampshare=https%3A%2F%2Fvdocuments.mx%2Fonline-resume-builder-report.html

➔ https://www.w3schools.com/python/

➔ https://documents.pub/document/srs-on-feature-rich-resume-builder.html

2). Overall Description

OVERVIEW OF RESUME BUILDING

An online resume builder is a software developed to simplify the task of creating a resume for individuals. The application provides an effective means of designing a desired resume in fact a professional looking resume. The system is flexible to be used and reduces the

need of thinking and designing an appropriate resume according to qualifications. Usually individuals get confused while creating a resume especially for a novice person such as graduate students. They don't get a clear idea of what things and information must be included in a resume. Hence the system is developed to provide them an easy way for creating a professional looking at my resume. This project is user-friendly and requires minimum human intervention. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well structured resume. Users have the option to create a resume in any format and file.

2.1). Product Perspective :-
A distributed Resume Builder database system stores the following information.

❖ **User :-**
It Includes User ID,name and phone and email.This information may be used for keeping the records of the customer for any emergency or for any other kind of information.

❖ **Resume :-**
It Includes all the Resumes with respective to the User and his all Information like Professional Information,Educational Information, Work Experience etc

2.2). Product Features :-

❖ **Admin login :-**
Admin is the one who administers the system and input updates.

❖ **User login :-**
Users have to create an account into the system by registering themselves. Then they may login into the system and can utilize services.

❖ **Resume templates :-**
The system contains various kinds of resume templates for all kinds of qualifications i.e. for both fresher and experienced. And also according to the kind of degree one has.

❖ **Resume form :-**
Users on selecting the format will be given an online form to be filled. The form includes questions like academics, personal interests, hobbies, skills, courses, experience and so on.

❖ **Resume builder :-**
On submitting the form the system stores the data and within a short period of time generates a resume in selected format.

❖ **Choice of file :-**
Users are also given the option to choose the kind of file they wish to create the resume i.e. in PDF file or word file.

❖ **Export facility :-**
Users can even export the file from word to PDF or vice-versa.

2.3). User Classes and Characteristics :-

An online resume builder is a software developed to simplify the task of creating a resume for individuals. The application provides an effective means of designing a desired resume in fact a professional looking resume. On submitting the form the system stores the data and within a short period of time generates a resume in selected format.Users are also given the option to choose the kind of file they wish to create the resume i.e. in PDF file or word file.Users can even export the file from word to PDF or vice-versa.

2.4). Operating Environment :-

Software Requirements :-
Operating System : Windows 7/8/10 or Linux
User Interface : HTML, CSS
Client-side Scripting : JavaScript
Programming Language : Python
<!---Web Technologies : django --->
Database : MY SQL

Server Deployment : -------------

Hardware Requirements :-
Processor : core i5 or Above
Hard Disk : 256 GB or More
RAM : 4 GB or More

2.5). Design and Implementation Constraints :-
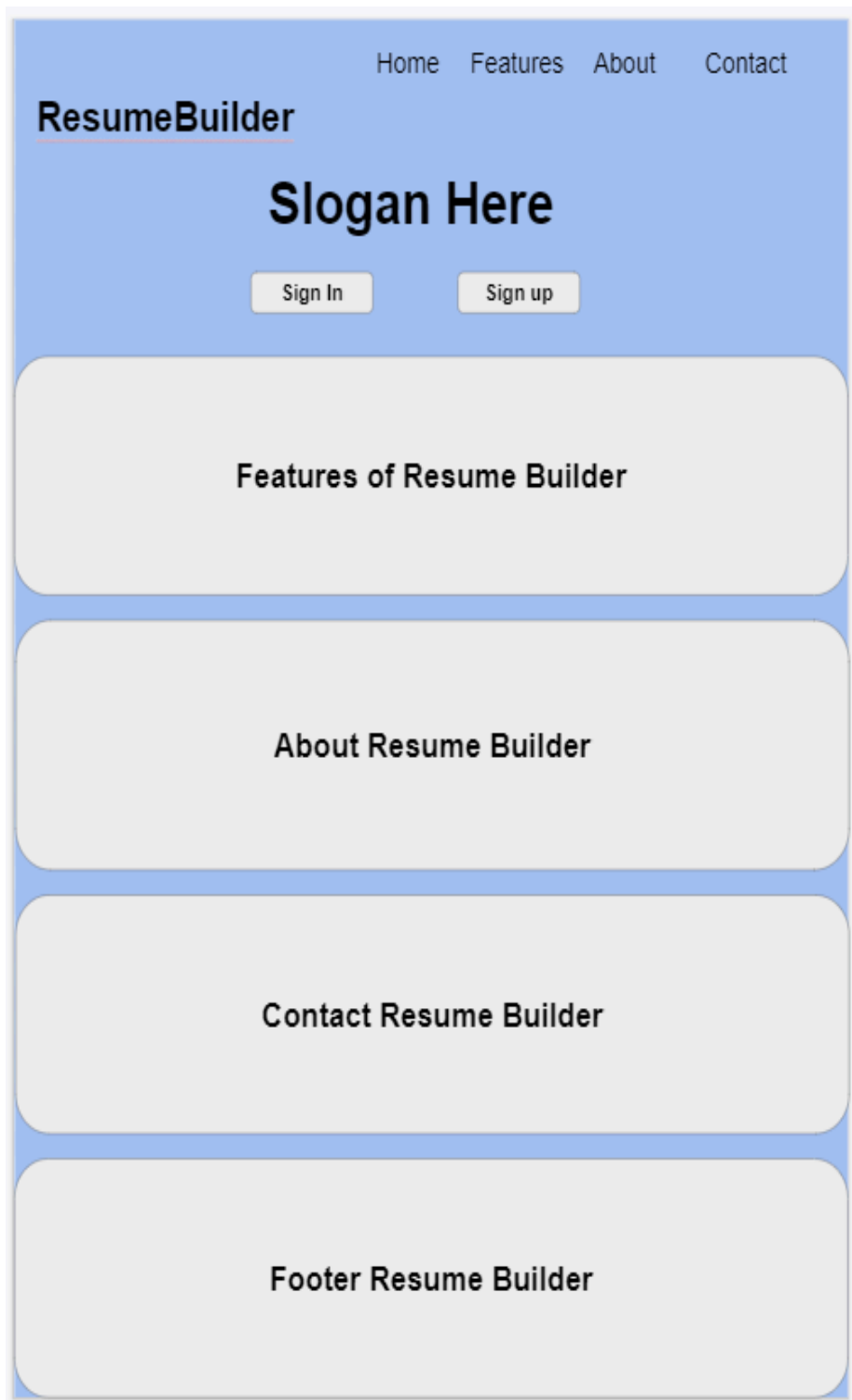
System Analysis & Design :-
Analysis is the focus of system developing and is the stage when system designers have to work at two levels of definition regarding the study of situational issues and possible solutions in terms of "what to do" and "how to do".

System Study
DEFINITION OF THE SYSTEM
A system is an orderly grouping of independent components linked together   according to a plan to achieve a specific objective. Its main characteristics are organization, interaction, independence,   integration and the central objective of a system does not necessarily mean a computer system. It may be a manual system or any other names.

2.6). User Documentation :-

Home   **Features**   **About**   **Contact**

ResumeBuilder

Slogan Here

[Sign In]   [Sign up]

Features of Resume Builder

About Resume Builder

Contact Resume Builder

Footer Resume Builder

ResumeBuilder

Sign In Here

Username :

Password :

ResumeBuilder

Sign Up Here

First Name :

Last Name :

Age :

Email :

Username :

Password :

Confirm :

ResumeBuilder

Dashboard

Profile

Update

Logout

MyResumes

Create New Resume

Resume Builder

Profile Details

Name

Age

Email

Username

Password

Registration Date

Resume Builder

Update Profile

Enter Name

Enter Age

Enter Email

Enter Username

Enter Password

Resume Builder

My Resumes

Dashboard

Resume 1

Resume 2

Resume 3

Resume Builder

Create New Resume

Sections	**Personal Details**
Personal	
Add Section	
Download	

Enter Resume Name

Enter Full Name

Enter Profession

Enter Address

| Enter Email | Enter Phone |

Other Information

Resume Builder

Add Section

Sections

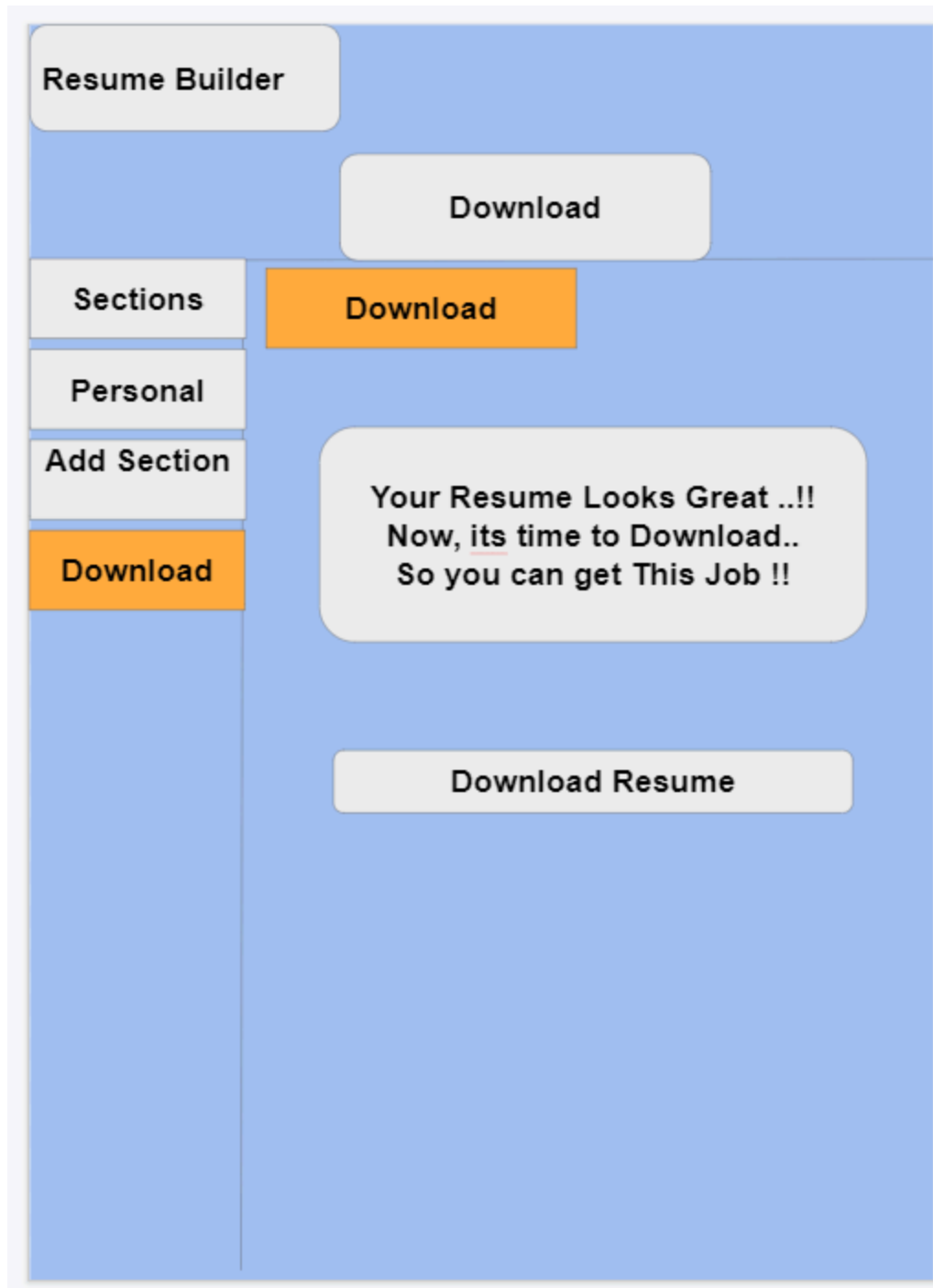Personal

Add Section

Download

Add Section

Education

Experience

Languages

Hobbies

Custom Section

2.7). Assumption and Dependencies :-

PRELIMINARY INVESTIGATION

The initial investigation has the objective of determining the validity of the user's request for a candidate system and whether a feasibility study should be conducted.

The objectives of the problem posed by the user must be understood within the framework of the organization's MIS plan. I was investigated by the concerned authority about the project.

STRUCTURED ANALYSIS

The traditional tools of data gathering have limitations. An English narrative description is often vague and difficult for the user to grasp. System flowcharts focus more on physical than on logical implementation of the candidate system. Because of these GENERATED RESUME (WORD FILE)

3). System Features

3.1). System analysis :-

System Analysis is a process by which we attribute processes or goals to a human activity, determine how well those purposes are being achieved and specify the requirements of the various tools and techniques that are to be used within the system if the system performances are to be achieved.

3.2). Information Gathering :-

A key part of feasibility analysis is gathering information about the present system. The analyst must know what information to gather, where to find it, how to collect it, and what to make of it. The proper use of tools for gathering information is the key to successful analysis. The tools are the traditional interview, questionnaires, and on-site observation.

4). External Interface Requirements

4.1). User Interfaces :-

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4.3). Software Interfaces :-

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<!---Web Technologies : Django--->
Database : MY SQL

4.4). Communications Interfaces :-

High level decisions and operating processes :

in response to technological, socio- economic factors, top level managers may decide to recognize operations and introduce new products. To deal with these needs, people commonly seek new modified information to support the decision. When that happens, then they turn to a computer system to help the information users and data processing specialists then work together to complete a series of steps in a system study to produce output results to satisfy information needs.

5). Other Nonfunctional Requirements

5.1). Performance Requirements :-

Because everyone has a different background of experience, there isn't one specific way to format your resume. This might seem like added pressure, but we promise that your resume will look fantastic
You can create a resume easily with Google Slides, PowerPoint, or reuse one of the creative resume templates available online.

5.2). Safety Requirements :-

If there is extensive damage to a wide portion of database due to catastrophic failure, such as a disk crash, the recovery method restores a past copy of the database that was backed up to archival storage (typically tape) and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed up log, up to the time of failure.

5.3). Security Requirements :-

Security systems need database storage just like many other applications. However, the special requirements of the security market mean that vendors must choose their database partner carefully.

5.4). Software Quality Attributes :-

For five important quality attributes :-
➢ Modifiability

- ➢ Performance
- ➢ Availability
- ➢ Security
- ➢ Usability

We have enumerated a collection of quality attributes ``General Scenarios'' that are intended to encompass all the generally accepted meanings for these quality attributes.

6). Other Requirements

NA

Conclusion :-

Hence we have successfully created a Use-Case Scenario To Develop Software Requirement Specification (SRS).

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