**Hackathon Project Phases Template for the SMART RESUME GENERATOR** **project**

Hackathon Project Phases Template

# Project Title:

SMART RESUME GENERATOR : Customized Resumes for Every Opportunity.

# Team Name:

Team – Visioners

# Team Members:

* Nasu Siddharth
* Wajid
* Aneesh V
* Akshith Reddy

# Phase-1: Brainstorming & Ideation

## Objective:

* Identify the problem that needs to be solved.
* Define the purpose and impact of the project.

## Key Points:

1. **Problem Statement:** Many job seekers struggle to create resumes that highlight relevant skills for specific job roles.
2. **Proposed Solution:** Develop a smart resume generator that customizes resumes based on job descriptions.
3. **Target Users:** Job seekers, career counselors, recruitment agencies, and freelancers.
4. **Expected Outcome:** Help users create tailored resumes that improve their chances of getting interviews and job offers.

# Phase-2: Requirement Analysis

## Objective:

## Define technical and functional requirements.

## Key Points:

1. **Technical Requirements:** Programming languages, frameworks, and tools needed for development (e.g., Python, JavaScript, React, AI/ML libraries).
2. **Functional Requirements** Features like resume templates, job description analysis, skill suggestions, and export options (PDF, Word).
3. **Constraints & Challenges:** Limited data for training AI, ensuring data privacy, and managing diverse user requirements.

# Phase-3: Project Design

## Objective:

* Create the architecture and user flow.

## Key Points:

1. **System Architecture Diagram:** A simple flowchart showing how different components of the system interact (e.g., user input, data processing, resume generation).
2. **User Flow :** Steps showing how a user will interact with the tool, from entering personal details to downloading the customized resume.
3. **UI/UX Considerations:** Basic wireframe focusing on a clean, user-friendly layout with easy navigation and clear instructions.

# Phase-4: Project Planning (Agile Methodologies)

## Objective:

* Break down the tasks using Agile methodologies.

## Key Points:

1. **Sprint Planning:** Divide the project into smaller tasks and plan sprints to manage progress effectively.
2. **Task Allocation:** Assign specific tasks to team members based on their skills and expertise.
3. **Timeline & Milestones:** Set short deadlines for each task and define clear milestones to track project progress.

# Phase-5: Project Development

## Objective:

* Code the project and integrate components.

## Key Points:

1. **Technology Stack Used:** List of programming languages, frameworks, libraries, and APIs used (e.g., Python, React, Node.js, AI/ML APIs).
2. **Development Process:** Step-by-step approach followed for coding, including setting up the environment, writing code, testing, and integration.
3. **Challenges & Fixes:** Issues faced during development and the solutions implemented to resolve them (e.g., bug fixes, performance improvements).

# Phase-6: Functional & Performance Testing

## Objective:

* Ensure the project works as expected.

## Key Points:

1. **Test Cases Executed:** List of scenarios tested, such as resume generation accuracy, job description analysis, and file export functionality.
2. **Bug Fixes & Improvements:** Issues identified during testing and the corresponding fixes or enhancements applied.
3. **Final Validation:** Confirmation that the project meets all initial requirements and functions as intended.
4. **Deployment (if applicable):** Hosting details, deployment platform used, or a final demo link for showcasing the project.

# Final Submission

1. **Project Report Based on the templates**
2. **Demo Video (3-5 Minutes)**
3. **GitHub/Code Repository Link**
4. **Presentation**