

RESUME BUILDER

Java application

SOFTWARE ENGINEERING
GROUP J

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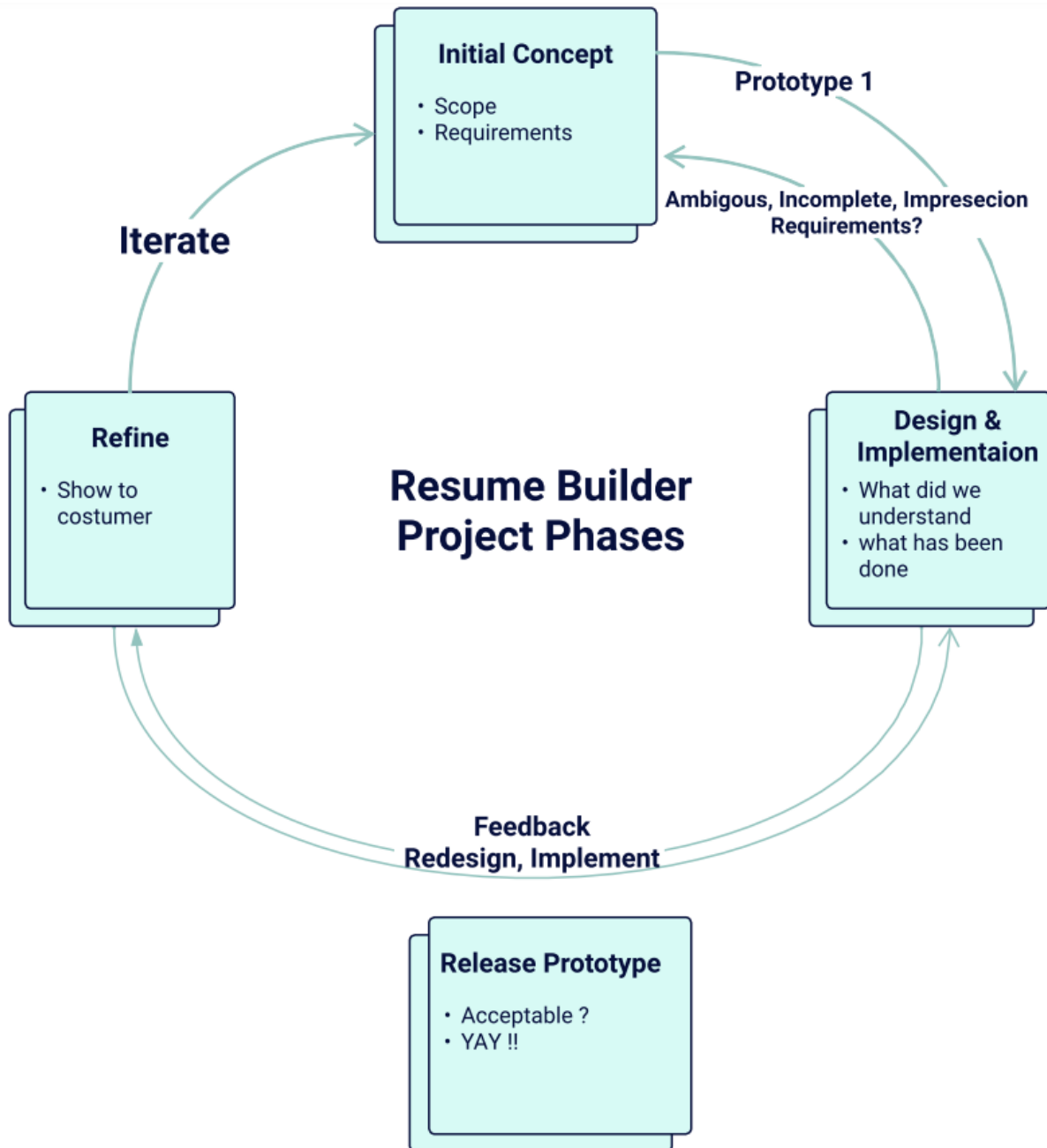
PROJECT OVERVIEW

The Java Resume Builder is a desktop application specifically designed to aid job seekers in saving time and effort by enabling them to quickly create well-formatted resumes that showcase their skills and qualifications. It provides a user-friendly interface for crafting professional and visually appealing resumes, effectively assisting individuals in creating well-designed documents that highlight their expertise.

SCOPE OF WORK

The system is a user-friendly desktop application designed for creating professional resumes. It provides a guided interface that leads users through the resume-building process. The main window of the system includes key buttons such as "close," "next," and "create PDF" for ease of navigation. Users have the flexibility to add and edit sections like personal information, work experience, education, and skills. The system also allows customization options, enabling users to personalize their resumes with images and other visual elements. It includes a project saving option to conveniently store progress. Furthermore, the system offers the ability to preview and export the completed resume in various file formats, including PDF and MS Word. A collection of visually appealing and easy-to-read resume templates are available within the application. Lastly, the system provides the option to display website and email addresses as clickable links or plain text based on user preference.

Project life Cycle



Initial concept

**The following part is taken from our previous colleague's work.

System Features and Requirements

3.1 Functional Requirements

- **Personal information input:** The application should provide users with a structured input form to enter their personal information, such as name, address, phone number, and email address.
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- **Work experience input:** The application should allow users to input their work experience, including job titles, company names, job descriptions, and dates of employment.
- **Education input:** The application should provide a form for users to input their educational background, including degrees earned, certifications, and courses completed.
- **Skills input:** The application should allow users to input their skills, including hard and soft skills, language proficiency, and other relevant skills.
- **Resume customization options:** The application should provide users with different templates, fonts, colors, and layouts to customize their resume to their liking.
- **Resume preview and editing capabilities:** The application should allow users to preview their resume and make edits or updates as needed.
- **Exporting and saving resume in different file formats:** The application should allow users to save and export their resume in different file formats, such as PDF and MS Word.

CHECKING FOR AMBIGUITY, INCOMPLETENESS, AND IMPRECISION

Requirement	Feedback
Personal information input	The requirement is unambiguous. Incomplete as it doesn't specify the exact fields should be included.
Work experience input	It is unclear how the inputs should be displayed.
Education input	Requirement is clear. Incomplete for cases of no degrees are present.
Skills input	Requirement is clear. It should specify how to categorize skills (e.g., IT skills, language levels ...etc).
Resume customization options	Requirement does not specify the exact customization options should be included.
Exporting and saving resume in different file formats	Requirement is not specifying the exact formats should be available for exporting.


Most of the functional requirement were quite similar and straight forward. The level of ambiguity overall was low.

Design and Implementation

Prototype 1

- What has been done so far?

Application Interface

 Resume Builder Application

PERSONAL INFORMATION	
Full Name	Catty Meow
E-Mail	Meow_Meow_22@Meow.com
Address	Cat Shelter St. 9425
Phone Number	0152 994 85 45
Date of Birth	31.12.2017
WORK EXPERIENCE	
Job title	Chief Mouse Hunter
Company	Catnip Emporium
Period	2022-2023
Job description	Catching and disposing of mice, ensuring a rodent-free environment.
EDUCATION	
Degree	Advanced napping techniques
University	Meowhaus University of WeiMeow rrr...
SKILLS & LANGUAGES	
Skills	Languages
Napping in the sunniest spots	Meow
Chasing laser pointers	Meoww
Rule the household like everyone is my slave	Meowww

Output example

Catty Meow

CONTACT DETAILS

Meow_Meow_22@Meow.com

31.12.2017

Cat Shelter St. 9425

0152 994 85 45

WORK EXPERIENCE

Chief Mouse Hunter

Catnip Emporium

2022-2023

Catching and disposing of mice, ensuring a rodent-free environment.

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