

Software for a Personal Address and Phone Book

Project Plan

Developed by:

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**Group #: 3
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1. Problem Description

The goal of the project is to develop the software for a computer-based personal address and phone book. Only one user will use the phone book at any time. There are two parts in the phone book – a phone diary and an appointment calendar. The latter is used to store and retrieve personal appointments.

Using the phone diary, a user must be able to add, delete and modify names, addresses and phone numbers. In addition, the user must be able to search and retrieve names and information associated with names (the address and phone numbers) from the phone diary. The phone numbers can range from 7 to 21 digits, thus allowing the user to enter local, long distance and international phone numbers. There must also be a provision to indicate whether the number associated with a name is a phone number or a fax number. Addresses use conventional 3-line format - The first line contains the house/building number followed by street name, followed by an apartment number, if any. The second line contains the city name, state abbreviation and the ZIP code. The third line contains the country name.

The appointment calendar is used to store and retrieve personal appointments throughout the year. When storing or retrieving appointments, a user must use the date/time as the key. Each appointment must also have a tag that can contain a name of the person in the appointment. There must also be a mechanism to link the name to the phone diary. By this way, the user can retrieve the address and phone number of the person when needed.

The software must include a **Graphical User Interface**.

2. Planned Activities

Phase	Leader	Activities	Deliverable	Estimated Time	Actual Time
Definition	Kasi	Product details (all)	Product overview document	3 days	
		Requirements gathering and analysis (all)		7 days	
		Requirements Specification – writing (Kasi) and review (all)	Functional Requirements document	3 days	
Development	Dave	GUI design discussion (all)		3 days	
		GUI design	GUI	5 days	

		specification (Dave) and review (all)	specification and initial design		
		Architectural Design discussion (all)		3 days	
		Architectural design document writing (Kasi) and review (all)	Architectural design document	5 days	
		Detailed design discussion (all)		7 days	
		Detailed design document writing (Dave) and review (all)	Detailed design document	5 days	
	Tom	Programming (all)		5 days	
	Kasi	Testing (all)		5 days	
	Dave	System review		5 days	
Documentation	Kasi	User Manual discussion (all)			
		User Manual writing (Kasi and Dave) and review (all)	User Manual	5 days	
Demonstration	Tom	Presentation slides (Tom)	Presentation slides	3 days	
		Product demo (all)	Final Product	3 days	

Number of meetings planned: 11 to 13

Organizational constraints:

External resources planned to be used: Oracle database

Platform: PC with Windows 98/NT/2000/ME/XP

Language: None