



Personal Spending Account Program

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[Accounting Program]

- Provide a fully functional spending account program with:
- Multiple Spending Accounts
- Individual Pins
- Balances
- Deposits & Withdraws
- Admin Tools

[Discussion with Client]

- Development Group:
 - Thomas Zook
 - Cesar Rodil
 - Christopher Hill
 - Kenneth Perronne
- 1:00 PM:
 - Met with Distributor and pitched Spending Account Software program containing the following details:
 - Individual Accessible Accounts with User names and passwords
 - Ability for users to withdrawal and deposit monetary amounts into the account
 - Ability for users to create new accounts and close out old accounts
 - Ability for users to check on the status of the account
 - Ability for Admins to print out a list of accounts and their status
 - Ability for Admins to lock accounts to prevent withdrawals and deposit
 - Ability for Admins to close out accounts
- 2:00 PM:
 - Software was approved, then discussed distribution areas, agreed to hold off worldwide distribution until regions sales data came in
- 3:00 PM:
 - Also discussed Software upkeep, managed to get first bidding rights for upgrades and maintenance.
- 4:00 PM:
 - Finished with deadline for Gold on Software, contracted out for early December for completion.

Thank you Letter

Dear Software Distributor:

We would like to thank you for meeting with us on September 13, 2007 to discuss our accounting software program. The software requirements we worked out are being analyzed and we are currently setting up a plan to implant these into the program itself. We feel that this software program will be a huge success and are glad to know we will be working with someone that shares that ideal and has the knowledge and experience to deliver it to potential vendors. The ideas and advice you provided for us is invaluable and we thank you again for your time and involvement in our company's success.

Sincerely,

Chris Hill
Kenneth Perronne
Cesar Rodil
Thomas Zook

[Project Scope]

- The scope of this project is to create an accounting program that will allow users to keep track of financial records.
- The aim of the project is to allow multiple users the ability to use one program to manage multiple user accounts that are separate from each other, while having an administrator that can access all accounts.
- The software will allow small businesses and individuals to better control spending from shared and individual accounts.

[Project Time]

Estimated Project Time:

- Sep 30, 2007 - Dec 10, 2007

[Project Stakeholders]

Project Sponsor

- Victoria Schaufuss

Project Team

- Christopher Hill
- Kenneth Perronne
- Cesar Rodil
- Thomas Zook

Support Staff

- Same as Project Team

Customers

- People interested in or currently using personal or small business accounting programs would be the potential customers

Opponents

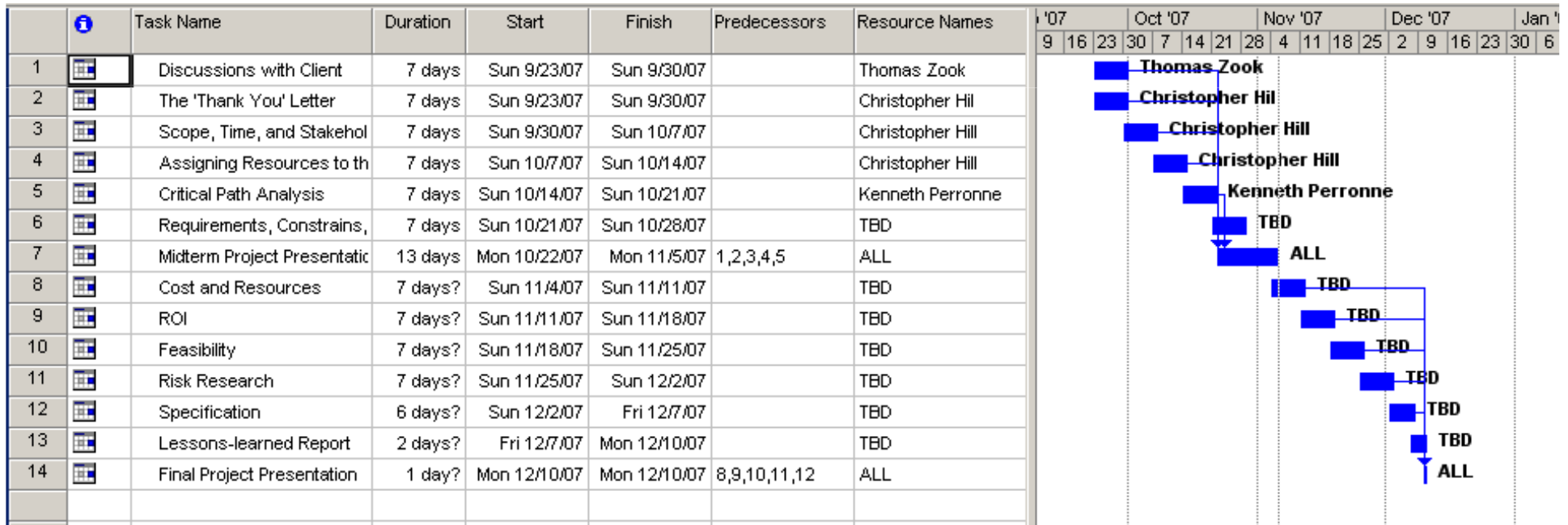
- No direct opponents have been identified, though there is competitive software that must be taken into consideration

Suppliers

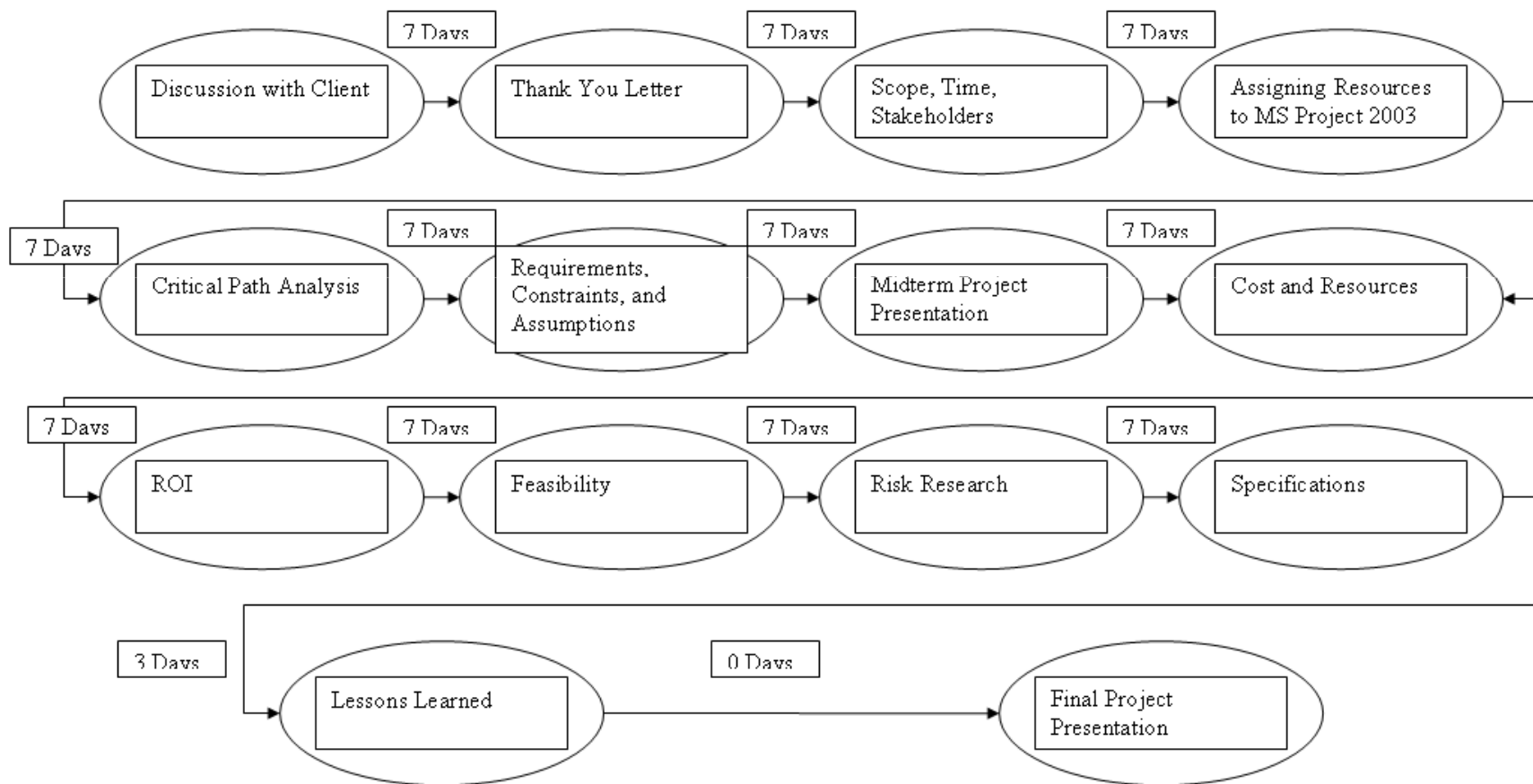
- Southwest Software Distributors Inc.

[Project Planning]

■ MS Project Plan Details



Critical Path



[Requirements]

- Must run on Windows XP and Windows Vista
- Must output to file for archiving
- Must have Admin account that can access and change other accounts
- Must be available for anyone to purchase
- Must be secure
- Must be able to perform basic accounting tasks
- Accounts must have pin numbers
- Each non-admin account cannot access any other account
- Must have ability for users to change pin numbers
- Must be simple to navigate

[Constraints]

- Must use password (pin number) protection on all accounts
- Non-admin accounts must not be able to access any account other than own
- Project must be completed and ready for shipment on Dec 10, 2007
- Tools must not include anything not available on UAT Campus
- Code must conform to company SQA Standards

Costs and Resources

- Employees (4) - $\$25.00/\text{hr} * 48\text{hrs} = \1200.00
 - Computers (4) - \$750.00
 - Visual Studio Software Licenses (4) - \$650.00
 - External Storage Devices (4) - \$30.00
 - SWE Principle Texts (1) – \$115.99
 - High Speed Internet - \$50.00
 - C++ Reference Texts (2) – \$95.99
- Total Costs: \$10,877.97**

[Return on Investment]

Estimated Benefits = \$50.00/unit * 500
units = **\$25,000.00**

Total Discounted Benefits = \$25,000.00 *
.91 = **\$22750**

Total Discounted Costs = \$10,877.97 *
.91 = **\$9898.95**

ROI = 103%

[Feasibility]

- **Is It Real?** There is a constant need for accounting programs for individuals, small businesses, and large corporations. Each has its own needs and amount they are willing to spend on the right program for their needs. For our product, it is best suited for individuals and small businesses that need a basic program that will run multiple spending accounts and have the ability to restrict access to those when necessary. Customers will buy it because it is a much lower cost than the majority of the similar type programs available and comes only with the basic features that are needed. The technologies required are already available and used by nearly 90% of the market – a Windows XP based PC with 256 Mb memory or greater. We have these available to us for testing so no outsourcing will be required nor licenses needed to purchase

[Feasibility]

- **Can You Win?** The proposed product is competitive as most of the currently available software's are priced considerably higher and have many more features that our customers are seeking. Its major strengths are that it can run multiple spending accounts that are individually managed, but also have an administrator account that can lock down or remove accounts as needed. We will mainly be competing based off price, but also service, reliability, and features. We do not expect a major response from competitors at this time as they currently control the market for this type of software.

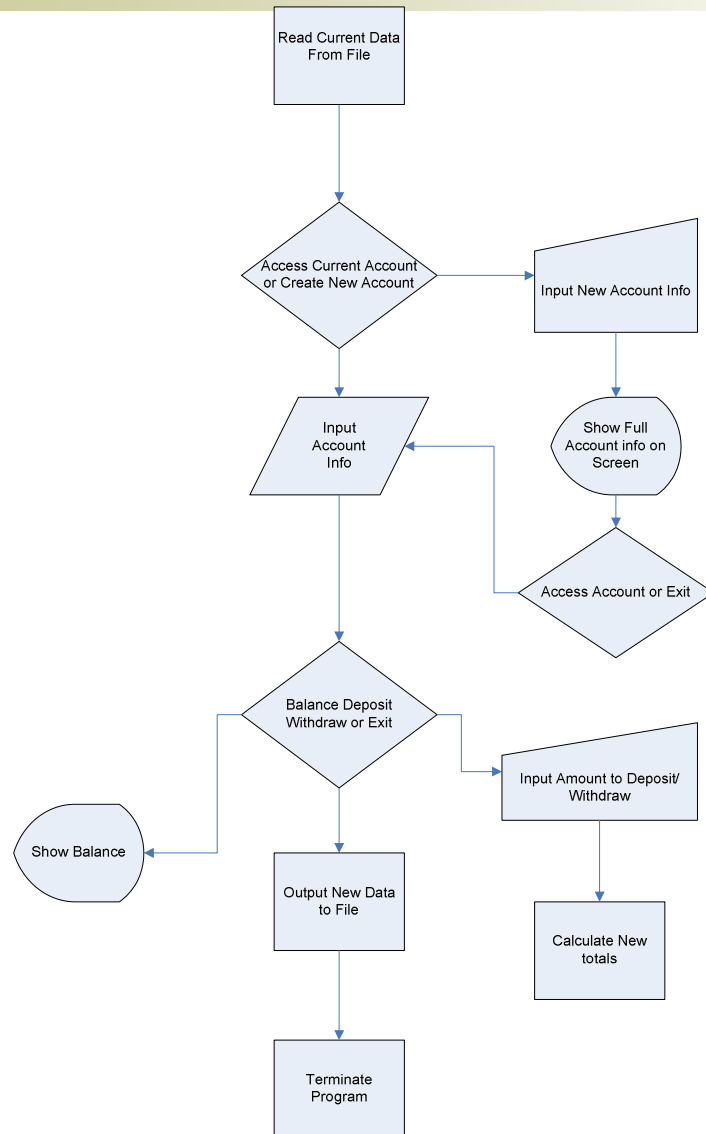
[Feasibility]

- **Is It Worth It?** We feel that this project will be highly successful as the cost to us is limited and the demand for basic software of this type is relatively high. Product costs are acceptable as they are limited to man hours and employee pay. Taking in the profit made from selling the product it will be very profitable for us. At this point there are no other opportunities for our company so this is the most profitable option we have.

[Risk Research]

- The two major risks for our project are not having it completed by the set time and it not selling to the public as planned. These are our biggest concerns because as a start-up company we need to impress our publisher in order to continue being fronted with the resources to develop and produce future products.
- Our biggest concern for unknown risks at this point is ones associated with the completed product once it reaches the consumer. We have setup a support website for our program with an email address that consumers can use so that we can assist with issues and easily be made aware of common issues. We are also working out a contract with a consumer research group to track reviews and complaints about our product so we can address these in upgrades or software patches.
- The team lead for Risk management is Cesar Rodil. He will report to the project manager, Chris Hill any risks that he is able to identify. From there, the team will work together to find solutions to the identified risks.

Specifications - Flowchart



Specifications – Functional Specs

Functional Specifications of the software in terms of the inputs and outputs:

- User will input 'Yes' or 'No' for new account creation
 - If Yes:
 - User will input account name, and create password
 - Program will display input info, account number and balance
 - User will input 'Continue' or 'Exit'
 - 'Continue' will take user to next section
 - 'Exit' will terminate program
 - If No:
 - Program will continue to next section
- User will input account number and password
- User will input 'Balance', 'Deposit', 'Withdraw', or 'Exit'
 - 'Balance' will display total funds available
 - 'Deposit' will allow more funds to be transferred
 - 'Withdraw' will allow the user to take out money
 - 'Exit' will terminate program

[Specifications - Testing]

System testing plan:

- Verify all compiler errors and warnings are resolved
- Test user account creation, frozen account access denial, over-draft protection, and admin access to all accounts
- Submit project to testing group for feedback
 - Resolve all found issues and re-submit
- Submit final review to outsourced group for feedback
 - Resolve all found issues and re-submit

Specifications – Mock-up

```
Is this a new account? Y/N :y
Input the Account Holders Name: Test Subject
Please choose a 7 char Password: idunno

Thank you Test Subject. Your new account info is as follows:
Your Account Number is: 1000010
Your Pin Number is: idunno
Your Checking Account Number is: 1000010-1 and has a balance of 0
Your Savings Account Number is: 1000010-2 and has a balance of 0

Would you like to <E>xit or <C>ontinue to make a deposit? c
Please input your account number: 1000010
Account Found. Please input your PIN: idunno
PIN Accepted. Welcome Test Subject!

Which account would you like to open? <C>hecking or <S>avings:
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What would you like to do?
Account <B>alance, <D>eposit, or <Q>uit: b
Your Checking account balance is: $0
What would you like to do?
Account <B>alance, <D>eposit, or <Q>uit: d
Input how much you would like to deposit: 500.45
Your New Checking account balance is: $500.45

What would you like to do?
Account <B>alance, <D>eposit, <W>ithdraw, or <Q>uit: d
Input how much you would like to deposit: 47.89
Your New Checking account balance is: $548.34

What would you like to do?
Account <B>alance, <D>eposit, <W>ithdraw, or <Q>uit: w
Input how much you would like to withdraw: 600
You cant withdraw more than you have available

What would you like to do?
Account <B>alance, <D>eposit, <W>ithdraw, or <Q>uit: b
Your Checking account balance is: $548.34
What would you like to do?
Account <B>alance, <D>eposit, <W>ithdraw, or <Q>uit: w
Input how much you would like to withdraw: 60
Your New Checking account balance is: $488.34

What would you like to do?
Account <B>alance, <D>eposit, <W>ithdraw, or <Q>uit: q
Goodbye
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[The Completed Program]

