EX1

Beliram Parimal was founded in 1990 by Fred Zarghami, with two of his partners. The company developed software for accounts payables and had 4500 employees, world-wide. The headquarters were in Wichita, Kansas. In two years, the company went from 100 employees to 800 and kept growing. They ad 23% of the market share for the accounts payable system. This system was sold to companies that were anywhere from 30 employees to 50,000 employees.

Their competitors were well established, American Software Corporation and Delta Corporation. Both of these were household names for Accounts Payable systems and between these two companies, they had 50 of the market share.

During a recent Board of Directors meeting of Beliram Parimal, it was decided that the company should add 30 to 35 new functionalities to the current Accounts Payable system, some of these functionalities already existed in competitor’s product.

A preliminary requirements document was developed and it highlighted the following functions to be included in the new Accounts Payable system, which was named “Blarney”

Requirements:

* Blarney should be able to handle 100,000 vendors. Vendors can be added deleted and their addresses can be changed. Each vendor should have a contact name, their phone number and email address.
* Blarney should be able to keep historical data on each vendor such as payment pattern, highest dollar amount purchase, weather the vendor always pays in the timeframe to get the discount of 2% if payment was received within 30 days, amount of discount paid to each vendor
* The response time of Blarney to be no more than 1.5 seconds.
* For any checks written over $500, two signatures required
* Blarney will operate on IBM DBDC, Client-server environment, with PC at the front-end
* Only specific roles in a company will be able to generate checks
* There will be five major reports
* Blarney will be sold world-wide
* General Ledger entries are one of the outputs and Blarney will interface with General Ledger and carry monthly accounts payable data to the General Ledger
* Blarney should be able to handle 100 users simultaneously
* Blarney will have capability to print different messages on the AP checks, such Happy New Year, Merry Christmas
* The unique feature of Blarney will be a graphical representation of bar charts each month of the AP by vendor. This feature will be the key to get new customers and additional market share.

When the above requirements were discussed with the marketing and sales staff of Beliram Parimal, they were all very excited. Marketing immediately advertised in the most popular Wichita Gazette regarding the new product and potential customers already started calling Beliram Parimal to find out the date when the final product will be released. Several TV and Radio interviews were conducted with Fred Zarghami and his senior leaders on fucntonalities of Blarney and the release date. The market was buzzing with excitement and companies that depended on BP to bring state –of-art new AP product, were creating market frenzy.

You were hired as a new SW Program Manager. Devel SPMP for the above product. Pretend that you have access to all the software engineering teams and other resources to write the SPMP.