

KPM Group

KPM Group has been brought in as an outside consultant to determine the issues and develop a strategy for a project that has been underway since June 2nd, 2003. The current date is July 3rd, 2003 with the completion date being August 29th, 2003. This project is at a critical stage as time, funding, and shared resources are some of the symptoms for this late schedule. Our role is to determine which tasks are late and what characteristics they share. Using the pattern of information, we will update the plan as we see fit.

The following actions are needed to bring this project to a successful conclusion.

1. Project Implementation Plan
2. Project Work Breakdown Structure (WBS)
3. Breakdown of Skills and Staffing Required
4. GANTT Chart

Project Implementation Plan

KPM Group took over this project on Thursday July 3, 2002. Our goal is to complete this project by Friday August 29th, 2003. A project and a project planning evaluation will follow after the completion. The entire project will wrap up on Tuesday September 9th, 2003. This is a web-based project for an online statistics course. There are five modules in this statistical analysis course. It follows a simple to understand, easy to use, and easy to navigate progression. The students go through the content using animation. They then explore the content using simulation. Finally, the students are presented with a set of questions that is randomly selected from a database to answer.

KPM Group will have one project manager who will oversee this project. In addition, one instructional designer will be working fulltime to guide the content development including a FAQ section. An instructor will be available in August only, but has kindly volunteered his time for this project. Developer 1 is responsible for animation and simulation as well as developing a database program for the questions. A graphics support person will be working jointly in another project as well as helping in this project. Developer 2 is responsible for content. Developer 2 will be converting the project to a delivery format, handling paging, and tracking. Both developers as well as the graphics support person will complete the interface. A support staff person will input the questions in the database, but will be unavailable in the second and third week of August.

The project vision and scope have been established to keep everyone focused on their roles and responsibilities. This project has a 49-day cycle (2 months) and there are specific milestones with expected start and end dates. The interface will be completed first using all available resources. It will take 2.5 days. Developer 1 and the graphics support person will finish the animation and simulation next. These will be done by August 15, 2003. Developer 1 will then focus on developing the database. The database and input of data will be done by August 27th, 2003. Developer 2 will complete content that have been previously gathered by the instructor. When the instructor comes back from holiday, Developer 2 will complete the remaining modules and the FAQ. This is to be finished by August 12, 2003. The assembly of the project will begin once the database is completed (August 27th, 2003) and will undergo testing and revision before it is sent for approval. The testing and revision has been shortened to 3 days; however, with strict quality control, we feel that this tight schedule can be met.

Project Work Breakdown Structure (WBS)

See Microsoft Project 2000 – KPM Group “Intermediate Statistics” WBS Web Page

Breakdown of Skills and Staffing Required

Project Manager:

- Develops vision and scope of project
- Represents management in producing results that were intended
- Meets schedule
- Stays within budget
- Keeps client satisfied
- Looks for copyright infringement
- Obtains approval from management to proceed
- Evaluates and makes recommendation for improvement

Instructional Designer

- Decides on content following ID principles
- Writes content following ID principles
- Decides on colour and theme
- Decides on font style and length of content
- Decides on content
- Decides on animation
- Decides on simulation
- Decides on practice questions and problems
- Decides on FAQ questions
- Guides in development of interface, animation, simulation, FAQ questions, and practice questions and database.

Developer 1

- Develops interface
- Develops template of interface
- Develops animation
- Develops simulation
- Enters data into database
- Alpha & Beta tests web site
- Makes revisions to web site

Developer 2

- Develops interface
- Develops template of interface
- Develops content and FAQ
- Develops database
- Enters data into database
- Assembles web site
- Alpha & Beta tests web site
- Makes revisions to web site

Graphics Support

- Helps develop interface
- Helps develop template of interface
- Helps develop content and FAQ
- Helps develop animation
- Helps develop simulation
- Helps develop database
- Enters data into database

Support Staff

- Enters data into database

Instructor

- Decides on content
- Decides on animation
- Decides on simulation
- Decides on practice questions and problems
- Decides on FAQ questions
- Helps in Alpha & Beta testing

GANTT Chart

See Microsoft Project 2000 – KPM Group “Intermediate Statistics”