**Registration System Proposal**

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1. Executive Summary
   1. Registration is difficult to use
   2. Improved Registration
      1. Wholesome academic environment
      2. Time Saving for students
      3. Time saving for Employees
      4. Stress relief for everyone involved
      5. Provide quality Education
      6. Expedites and simplifies registration process
   3. Assists in creating working schedules
   4. Total cost: 72,800 dollars
   5. Expected time approximately three months
2. Introduction
   1. Registration is in need of rework
   2. BYU-Idaho can make the process user-friendly
   3. Helps accomplish the fourth part of the mission statement of BYU-Idaho which is “maintain a wholesome academic... environment”
   4. Organization
      1. Problem Statement
         1. Registration issue
      2. Objectives
         1. Integration of GradPlan and Registration
      3. Plan
         1. Fulfill the objectives
      4. Budget
         1. Costs
      5. Personnel and Qualifications
         1. Schooling
      6. Facilities and Equipment
3. Problem Statement
   1. Registration
      1. Time-consuming
      2. Confusing
      3. Unorganized
   2. When registration comes around
      1. For students who are trying to register
      2. Teachers who are in charge of creating and managing classes
   3. This issue affects all students from wherever they are registering
      1. Home
      2. School
      3. Work
   4. This is an issue because registration provides additional stress and confusion to teachers and students
   5. Impact
      1. This will impact all the students on campus and online
      2. Registration creates an unwholesome academic environment, by increasing stress and confusion
4. Objectives
   1. Integrate Grad Planner and the registration system to work together
      1. Grad Planner work with the registration system and create pre-defined schedules based on the Grad Planner
      2. Have multiple schedules built
   2. Provide a simple search and navigation bar
      1. Allow searches that are easy to manage
      2. user friendly
5. Plan
   1. How will you achieve objectives?- Take students’ Grad Plan data
      1. Load data by each semester
      2. New registration system reads data
      3. Compiles optional schedules for student based on times available
         1. Customizable-
            1. Class teacher
            2. Other times
      4. Student selects prefered schedule or customized schedule and is registered for those selected classes
   2. We will need support from IT for:
      1. Registration system admin
      2. Grad Planner system admin
   3. We will need to link the classes in the students’ Grad Plan with those in the Registration system
   4. Provide the class schedule generator
   5. Should take approximately three months
      1. Weeks one through four
         1. Developement
      2. Week five through eleven
         1. Debug
         2. Testing
      3. Week ten through thirteen
         1. Beta testing
   6. Gantt chart
6. Budget
   1. The four of us will be working at a rate of thirty-five dollars an hour
      1. We will be working eight hours a day, five days a week
      2. The project should take approximately three months
      3. 520 hours per person = appr. $72,800 dollars total
   2. There are no other expenses that will be required by this project
7. Personnel Qualifications
   1. Experience
      1. Together we have over 7 years of experience in programming
   2. We understand HTML and Javascript and some PHP, which the registration system is written in
8. Facilities and Equipment
   1. Computers
   2. Server - to hold the information from the Grad Planner
   3. We will need the registration IT staff
   4. Access to the Application of Grad Planner
      1. Application Program Interface - to have access to given information
   5. Access to the Registration Systems
      1. Application Program Interface - to have access to given information