**PROBLEM ANALYSIS**

**Group 5**

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| PROCESS | STAKEHOLDERS | CONCERNS | ANALYSIS | SOLUTION |
| **CHECKING**  **CO/PLO**  **MANUAL OR OBE DOCUMENTS** | 1. IUB officials  2. BAETE officials | In case of PLO checking, IUB officials may have to dig very deep into documents, which can be difficult and time consuming.  Each faculty have to manually prepare the questions based on course outline. | Lacking of a system, where every single data can be  stored automatically.  They also don’t have any proper data  Management system/procedure. | A system will track everything individually, for an instance the system will keep track of PLO scores of each student as well as overall performance of each course and all of the courses of the department the IUB officials, department, faculty, students  can have their own personal account in the system, so that can log in anytime to track the overall PLO performance of a department or even for an individual student if needed. |
| **MAKING COURSE OUTLINE AND ASSESSMENT PLAN** | 1. department  2. faculty | department  heads/experts have to provide plo & co guideline to the  faculties manually  faculties need to wait longer in order to make their course outline, because of the whole plo & co procedure. the  specific departments have to wait for BAETE officials to  provided by them  the OBE manual. | they don’t direct system  where the department faculty  members can directly discuss  with the BAETE officials.  They have to do the plan and store OBE mapped documents  In a manual database. | If a system is build where CO/PLO mapping can be stored both department and faculties can keep track of the necessities to make assessment plan for every semester. |
| **ASSESSMENT PHASE AND GRADING AND ATTENDANCE** | 1.faculties  2.students | calculating plo &  co scores manually  can be difficult and time consuming.  errors might also  occur calculating it  manually | they do have a lack of  flexibility, in terms of preparing questions for exam. | the faculties can take  coordinate exams, so that  they can make the  questions with ease. |
| **GRADE SUBMISSION AND STORAGE** | 1.faculties  2.department | faculty members has  to send a request to  the department to  review previous  record of a students,  and even after  requesting they have  to manually search  all the previous  records of that  student. this is not  an efficient process at  all.  faculty has to request  the department in terms  of any changes,  which can be time consuming.  Department has to store every grading documents manually which is time consuming. | there are lots of  calculation & data  entrance happening here, and not having an automatic system; it’s very obvious for human error. having no specific arrangement, where all of the previous and present records can be stored. | the calculation & data  entering can be done  automatically in the  system. they can use the web  server to keep the record  of each & every student,  rather than searching it  manually.  faculties should have the  direct authority in order to make any changes in final grade. |
| **VIEWING GRADES** | 1. students  2. department  3. iub officials | Student can’t get any info about their CO/PLO scores.  It is difficult and time consuming for a department to arrange all the reports on co/plo and hand it over to higher authority. | There are many reports that a department is making manually.  They don’t have any system which can produce these reports. | A system can be build where students can check their OBE performance.  The system will produce necessary reports according to the given command. |