MEETING 1 |Minutes

## Date: 30/08/17 | Time: 12:00A.M. | Meeting location Library Conference Room

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| |  |  | | --- | --- | | Meeting called by | Umang Pahwa | | Type of meeting | Apprise the team of the algorithm to be used. | | Facilitator | Vikram Venkatesh | | Note taker | Anirudh Thatipelli | | Timekeeper | Saatvik Upadhyay | | Attendees  Umang Pahwa  Saatvik Upadhyay  Vikram Venkatesh |

# Agenda topics

## Time allotted | 1 hour | Agenda topic Propose a method to solve the UWE/CCC allocation problem | Presenter Vikram Venkatesh

Discussion Conversation: To apprise all the teammates of the proposed method to solve the current UWE/CCC allocation problem. Vikram suggests to use some parameters which will be used to compute the probability of a student to enroll in a course.

Conclusion Closing: Saatvik suggests that we introduce a damping factor to include outliers, that are the students who have specific backlogs, or probation, or are ahead of their credits requirements are also given a fair chance to get enrolled in their UWEs.

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| Action items | Person responsible | Deadline |
| Topic 1: Vikram tells the teams of the 5 parameters that he has decided based on the various information like the semester the person is studying, major requirements, CCC and UWE requirements left to be completed. Based on these factors, we get the value of the first parameter. Then, based on the semester of the person, we will multiply the parameter obtained above with another number, say a. a is inversely proportional to the year the person is studying in. We also introduce another parameter to normalize the result. | Vikram Venkatesh | 30/08/17/12:10 a.m |
| Topic 2: Saatvik has proposed to introduce another parameter known as the damping factor to improve the efficieny of the model and give even the outliers a fair chance. | Saatvik Upadhyay | 30/08/17/12:25 a.m. |

## Time allotted | 10 minutes | Agenda topic Use of test cases | Presenter Umang Pahwa

Discussion Conversation: Umang raises a valid point about the use of parameters. Umang’s concern is whether all these parameters would actually be used or can the model work without including some of the proposed parameters. Since, we don’t have data of the students currently studying, all the teammates decide to entreat the IT Department to furnish them with some real life test cases of students. Another point was whether this will be implemented as a standalone software or it will be encoded within the ERP. However, the IT Department had completely ruled out any modifications in the current ERP system of course allocation and we would have to take the inputs from the ERP system and enter them into our software.

Conclusion Closing: Final decision is to create a software that gets its inputs from the ERP and will compute the probabilities and send it back to the ERP system. Another point we decided was to have some time period before the course registration where all the students will fill all their priorities of courses. Rigorous testing and debugging would be required for the development of the software.

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| Action items | Person responsible | Deadline |
| Topic 1 | Presenter Name | Date | time |
| Topic 2 | Presenter Name | Date | time |

## Time allotted | Time | Agenda topic Topic | Presenter Name

Discussion Conversation

Conclusion Closing

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| Topic 2 | Presenter Name | Date | time |

Observers Name

Resource persons Names

Special notes Type additional notes here