

## Conclusion and Recommendations

The research and development of the proposed system reveals that the faculty member must undergo first through filtering section in which the conditions such as the Availability, Special Cases and Rules must be met before it proceeds to the matching algorithm. As of this moment, the project team's matching algorithm is currently focused on establishing the process of matching each professor to its subjects, based on its specialization and availability. Once the system is done generating faculty schedules, it will then proceed to the Analytics Reporting Module to generate an analytics report using the Business Analytics tool named Power BI. The analytics report will be based on the weights of the criteria such as the Specialization of the faculty member, History of Teaching and Online Teaching Evaluation Rating. The project team conducted surveys from different faculty member of the APC's SoCIT Department as the source of the criteria's unbiased distribution of weights.