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Integrative Program Project

Project Description

## Overview

Your Executive MS BAIS program includes a program-wide independent project of 1 credit. The objective of the project is to enable everyone to integrate knowledge from different courses to address a substantive problem or concern. The project should have the following characteristics:

1. It should use ideas and tools from multiple courses.
2. It should be an independent work by the student with occasional advice by appropriate faculty.
3. The final project deliverable should be to the satisfaction of the program's Academic Director and faculty.

Some example deliverables are:

1. A working prototype of a software system including but not limited to web apps, mobile apps, or a data analytics dashboard.
2. A case study of a unique business situation in a form publishable in the Muma Business Review. <http://mumabusinessreview.org/>
3. An analysis of data using multiple approaches that result in unique insights. A deliverable of this type should be presented as an article publishable in the Muma Business Review. <http://mumabusinessreview.org/>.

## Timeline

The project requires interim deliverables to the program's academic director at regular intervals. The timeline for these deliverables is given in the table below.

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| **Deadline** | **Deliverable** |
| End of Semester 1 | A written proposal document for the project. This proposal will be a maximum of 3 double-spaced pages (12-point font) submitted electronically to your cohort's Canvas course shell in an MS-Word format. The precise due date for this deliverable will be announced via Canvas. This proposal will include clear statements of:   1. The problem the project will address. 2. The end output of the project, whether that be software in some form, a case study, or a business analytics report or case. 3. The resources you believe the project will need. This can include data requirements and potential sources of that data. 4. The benefit you, your employer, and/or the IS community can receive from results of the project. |
| End of Semester 2 | A written description of the approach and plan to be followed in executing the project. The expectation is this will be more detailed than originally stated in the project proposal. This deliverable is essentially an interim report on the status of the project. It will be a maximum of 10 double-spaced pages (12-point font) submitted electronically to your cohort's Canvas course shell in an MS-Word format. The precise due date for this deliverable will be announced via Canvas. This deliverable may include a subset of the following depending on what is applicable to the project.   1. Specific description of the data needed. 2. Analytical tools and approaches to use. 3. Refinement/revision of the project's problem statement, resource requirements, or expected output. 4. Software design or a prototype or screen mockup. 5. Outline of the case study or analytics article. |
| End of Semester 3 | A written document and link to an accompanying video presentation which will jointly show the progress of the project toward fulfilling its initial goals. The written document will be a maximum of 10 double-spaced pages (12-point font) submitted electronically to your cohort's Canvas course shell in an MS-Word format. The document may include any screenshots of software you deem fit to properly communicate the message. The video will be a maximum of five minutes long using any graphics or exhibits needed to properly communicate the message. The precise due date for this deliverable will be announced via Canvas. This interim project progress report will show any of the following which are applicable to your circumstance.   1. A draft of the case document or proposed article which will result from the project. 2. Demonstrations of software/dashboard functionality and reporting shown in the video. (Allowances can be made in circumstances involving proprietary data.) 3. A statement as to whether there have been substantive changes to the resource requirements originally given in the project's proposal. 4. A statement as to whether the project is addressing needs or problems originally given in the project's proposal. |
| End of Semester 4 | This final deliverable for the project will include a written report and video showing the success of the project in addressing the problem stated in the original proposal. The deliverable will include a written document that is a maximum of 10 double-spaced pages (12-point font) submitted electronically to your cohort's Canvas course shell in an MS-Word format. This may include any screenshots of software you deem fit. The document will be accompanied by a link to a video which will explain the problem the project addresses as well as any data requirements and issues which came up during project execution. If the project includes development of software tools the video will include a demo of the software and an explanation of benefits from its use. (Allowances can be made in circumstances involving proprietary data.)  According to your project plan this final written deliverable can be:   1. Explanations of working software or dashboards created in the project. 2. The final article or case study describing your project's original problem and the analytical work done to address it.   The final deliverable video will be a maximum of 10 minutes long and include the following points as needed:   1. A statement of the problem the project is intended to address. 2. The nature of the data used in the project. 3. The analytical tools used in the project. 4. Demonstrations of the software tool developed in executing the project. 5. The success of the project in addressing the problem, including the benefit to stakeholders resulting from this work. 6. Any enhancements or extensions which might be undertaken in the future.   The precise due date for this deliverable will be announced via Canvas. |

# Questions and Consultations

For specific questions on the project please contact the program Academic Director, [Dr. Ron Satterfield](mailto:rsatterf@usf.edu?subject=2022%20Integrative%20Project%20Question).