MSP Project Plan Group 37 MGMT 101

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| Raised hand with solid fill | Group 37, comprising members Sophia Vo, Arman Ehsani, and Yingxuan Ma, has diligently dedicated the past few weeks to mastering management science, Excel formulas and problem-solving, as well as fostering collaborative efforts for the AIA project. As the Spring quarter draws to a close, our objective is to successfully develop an MSP project that exemplifies our growth in the course and demonstrates our comprehensive grasp of the subject matter and project's rubric. In the following overview, we will provide a summary of our plan and outline the key points we will work toward. |

# Overview

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## The Group Members and Information

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* Arman Ehsani: 2nd Year Business Administration Major
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* Yingxuan Ma: 3rd Year Economics Major
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* Sophia Vo: 3rd year Business Economics Major
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## The Planning Meeting 5/28/2023 @9 pm

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| Raised hand with solid fill | The team met together on zoom to discuss what the MSP project is asking for and how we can divide the work up efficiently and what steps to take to achieve the wanted results within the allocated time. During the meeting, we defined the goal of our project, which is to explore the application of management science through the analysis of various case studies. We aim to demonstrate our comprehension and understanding of the subject matter by applying the specific skills we have acquired. Our success will be measured by how well our work aligns with the requirements outlined in the project rubric. While the meeting was brief, the team came to an understanding of the necessary time this project will demand, as well as what case study the group wished to work on. |

* Objective 1: Work toward answering the many questions in Case 1, independently or collaboratively.
* Objective 2: Create the presentation slides necessary and rehearse.
* Objective 3: After the recording, edit the video and review with team.

## The Project Scope

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| Raised hand with solid fill | "The scope of our project is to successfully develop an MSP (Management Science Project) that showcases our understanding of the subject material. The project will encompass the completion of an Excel workbook, presentation slides, and a video recording. The objective is to demonstrate proficiency in applying management science concepts and techniques to solve real-world problems. The project's scope is limited to the specified deliverables and must be completed within the given time frame and available resources."  To successfully complete the MSP project, we need to accomplish the following tasks: |

1. **Conduct thorough research and analysis to understand the concepts and techniques of management science relevant to the project.**
2. **Develop a comprehensive plan that outlines the structure and content for the Excel workbook, presentation slides, and video recording.**
3. **Gather and organize the necessary data and information required for the project.**
4. **Apply appropriate Excel formulas, functions, and data analysis techniques to solve the identified problems and showcase the application of management science principles.**
5. **Design and create visually appealing and informative presentation slides that effectively communicate the project findings and insights.**
6. **Prepare a script and rehearse for the video recording, ensuring a clear and concise presentation of the project.**
7. **Create the Excel workbook with the required worksheets, formulas, and data representations that demonstrate the solution process and outcomes.**
8. **Finalize the presentation slides, ensuring they align with the project's objectives, and provide a compelling narrative.**
9. **Record the video presentation, maintaining a professional and engaging delivery while covering all essential aspects of the project.**
10. **Review and edit the completed project components for accuracy, coherence, and adherence to project guidelines.**
11. **Compile the finalized Excel workbook, presentation slides, and video recording into a cohesive submission package.**
12. **Submit the project deliverables within the specified deadline, following the provided submission instructions.**

# Our Goal

* **Group 37 hopes to see how management science is applied to real life situations through reading different case studies. We will apply the specific skills we learned in a real-life situation to testify our comprehension and understanding of the material. We will know that we’ve done well if our work fulfills the requirements stated on the rubric.**

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| **Category** | **Exceeds Expectations (10)** | **Meets Expectations (8)** | **Developing Against Expectations (6)** | **Does Not Meet Expectations (4)** |
| **Analysis 1:**  **Base-Case Model Accuracy and Clarity** | * All functions entered correctly and solution is easily auditable * Well-organized and self-explanatory model displayed | * Functions entered correctly and solution appears correct * Structured model | * Formulas and functions included * Set-up/analysis complex and/or unclear | * Missing formulas in cells * Model structure difficult to assess |
| **Analysis 2:**  **Model Extensions Accuracy and Innovation** | * Models work correctly when executed * Clearly presented alternatives and innovative analyses address “what-ifs” | * Models work correctly when executed * Most alternative queries addressed | * Models appear to be correct, but not fully working/auditable * Results appear to address some queries | * Lack of alignment between models and assigned queries * Model difficult to comprehend |
| **Analysis 3:**  **Excel Workbook**  **Organization and Structure** | * Clearly labeled analyses and results * Consistent and appealing formatting * Tabs organized with clear analysis flow | * Well-labeled analyses * Standard formatting * Organized workbook tabs | * Labeling inconsistent * Format variations * Flow of workbook analyses unclear | * Disorganized, analysis difficult to comprehend * Lacks formatting standards * Unclear workbook organization |
| **Presentation:**  **Media** | * Effective overviews of work at begin and end * Technical details are included in an easy to assimilate manner * Professional slides balance graphics and tables with text | * Summary of analyses provided * Technical details explained effectively * Readable slides with useful information with graphics where useful | * Summary provided, but not complete * Too technical or not technical enough to be easily understood * Slides not uniform, or have too much text, unclear graphics at times | * Missing summaries * Difficulty interpreting analytical work performed * Slides have significant gaps in uniformity and style and/or, too much text, no graphics |
| **Presentation Delivery:**  **Content or Story** | * A contextual story directed at a “client” anchors the presentation * Analyses are clear, impactful, and meaningful | * Provides outline that addresses client challenge * Presents analyses and results clearly | * Organized logically for the “client” with gaps in flow * Analyses included, with issues in clarity, implications, or accuracy | * Presentation purpose unclear or missing * Analyses hard to comprehend, misaligned, or contains errors |
| **Presentation Delivery: Presenters** | * Presenters well prepared, relaxed, and improvising delivery * Delivery clear and energetic with integrated theme * Presentation 6-8 minutes in duration | * Presenters prepared and comfortable with content * Delivery clear and transitions effective * Presentation 6-8 minutes in duration | * Presenters appear nervous or lack some experience with content * Delivery choppy at times * Presentation outside of 6-8 minute window | * Presenters not prepared or lack content or project knowledge * Gaps in content delivery * Presentation too long or short |
| **Project Originality:  Novel and Innovative Analysis and/or Delivery** | * Novel modeling approaches included * Analysis extends beyond content provided * Creative and/or interesting presentation | * Competent modeling approach demonstrated * Analysis cover required elements * Presentation effective and clear | * Models lack full clarity * Analysis performed covers minimal requirements * Traditional presentation of results | * Modeling approach incorrect or errors found * Analysis fails to address basic requirements * Unclear presentation of results |

## Execution Strategy

**To effectively execute our project, we can assign specific roles and responsibilities to each team member. It's important to note that this breakdown of tasks isn’t permanent, and we will adjust or redistribute responsibilities based on each team member's strengths and preferences. Effective communication and collaboration among team members will be crucial for successful execution.**

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|  | Yingxuan:   1. Conduct thorough research on management science concepts and techniques relevant to the project. 2. Take the lead in developing the comprehensive plan and structure for the Excel workbook. 3. Apply Excel formulas, functions, and data analysis techniques to solve the identified problems. 4. Collaborate with Arman and Sofia to ensure consistency across project components.   Arman:   1. Focus on creating visually appealing and informative presentation slides. 2. Craft a clear and concise script for the video recording, highlighting key project findings and insights. 3. Coordinate with Sophia and Yingxuan to gather and organize the necessary data and information. 4. Provide support in reviewing and editing the project deliverables for accuracy and coherence.   Sophia:   1. Take the lead in recording the video presentation, ensuring a professional and engaging delivery. 2. Collaborate with Sophia and Arman to compile and finalize the project components. 3. Provide assistance in conducting research and gathering relevant data for the project. 4. Collaborate with the team to review and edit the completed project deliverables. |

## Timeline for Execution

* Note the team will use Monday work management as a project reminder and visual organizer.

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| Description | Start Date | End Date | Duration |
| Project Plan | Week 8 | 5/30/23 Midnight | 1 Week |
| Case Analysis (Excel Workbook) | Week 9 | Week 10, Sunday | 1 Week |
| Presentation Media | Week 9 | Week 10, Sunday | 1 Week |
| Presentation Recording | Week 9 | Week 10 Sunday | 1 Week |
| Project Peer Review | Week 11 | Friday 6/16 | Couple Days |
| Project Reflection | Week 11 | Friday 6/16 | Couple Days |

# Conclusion

**In conclusion, the project plan outlines a comprehensive roadmap for the successful execution of our MSP project. By assigning specific tasks and responsibilities to each team member, we have established a clear framework that will guide us throughout the project's lifecycle. The plan highlights the key deliverables and their corresponding completion dates, ensuring a systematic approach to achieving our project goals. By distributing the tasks among our team members, we can capitalize on our individual strengths and expertise, fostering collaboration and synergy. This project plan serves as a guide, providing a clear path to follow and ensuring that we stay on track to meet our milestones and deadlines. With this solid plan in place, we are well-positioned to execute our project efficiently, showcase our understanding of management science, and deliver a high-quality MSP project that reflects our collective efforts and achievements.**