Dear All,

Please see next, the template of the course projects and topics for investigation, understanding, and presentation by the team members to the classmates according to the proposed scheduled Weeks/Dates. Every team must prepare rich and informative slides to reflect their understanding of the selected topics and be helpful to their colleagues. Each group leader **(his name is underlined)** will be responsible for the following (**bounce marks will be assigned for the coordination efforts**):

1- Coordinate with his colleagues to distribute the topics among them.
2- Coordinate with the team on how to collaborate to prepare the slides on topics that will be more informative and well understood by others.
3- Coordinate with me to assess the quality of the prepared slides before the actual presentation in class.
4- Discuss and agree with his team that fulfilling the project requirements, preparing and presenting the topics' will be done collaboratively (as one team), and ensure equal sharing of efforts among team members because the same score will be given to all team members. If most of the team members declare that a team member is not contributing to one or both components, then he will be assigned a zero on the pinpointed component.
5- Print a consent (**at the end of this document**) to be signed by the whole team as an agreement of the rule mentioned above and hand it to me.

Team #	Project Area/Title	Team-Members	Topic For Presentation	Present. Date
1	Saudi-Focused Financial Advisor	**Anas Alshehri** Khaled Alqahtani Abdulaziz Binyabis	Random Forests	**Week 11** **Sun**. **3-11**
2	Case-Based Reasoning for Financial Investment IDSS	**Sultan BniAli** Faisal Ahmed Alsuhaim Abdulrahman Al-Dossari Hussain Almakramy	IDSS Analysis, Design and Implementation	**Week 11** **Tue**. **5-11**
3	IDSS for Choosing Business Location	**Faisal Almutairi** Abdullah Alhathlul Osama Althunayyan Mohammed Al-Qahtani	Leveraging IDSS for Optimal Business Location Selection: Strategies, Tools, and Case Studies	**Week 12** **Sun**. **17-11**

4	IDSS for Investment Channel Selection	**Haydar Ali Almuslim** Ali Nader Alsannaa Redah Alojayen	Automated Financial Planning & Wealth Management	**Week 12** **Tue**. **19-11**
5	Intelligent Traffic Light Systems in Smart Cities	**Abdullah ALSahwan,** Montasser Baqays, Ziyad ALGhanam, Omar ALShahrani	ML model for Optimizing Traffic Light Timing	**Week 12** **Sun**. **24-11**
6	IDSS to Optimize Campus Shuttle-Bus Schedules	**Ali Alnemer** Salman altuwajiry Abdullah Al-Jaseem	A Data-Driven Approaches For Shuttle-Bus Scheduling	**Week 12** **Tue**. **26-11**
7	IDSS to help in Replacement Problem	**Ahmed Abuouf** Sutan Alkholaifi Saad Alshahrani	Machine Learning Techniques For Replacement Problem	**Week 13** **Sun**. **1-12**
8	IDSS for PC Selection	**Abdulmajeed Alghamdi** Waleed Alzahrani Dhari Alotaibi	Data Mining Techniques for Decision Support Systems	**Week 13** **Tue**. **3-12**

Topics Presentations Evaluation Criteria

- Does the presentation effectively cover the main issues in the assigned topics? This means, that the Information in the presentation is accurate, relevant, sufficient, and adapted to the purpose of the presentation. (**5 Marks**)
- Does it reach knowledge and is informative? This means it has a clear organization of main points and supporting materials? (**3 Marks**)
- Clearness and coherence of the slides' content. (**2 Marks**)
- Has an identifiable introduction, body, and conclusion, and presented interestingly? (**3 Marks**)
- Is the presentation well organized, and well executed? (**2 Marks**)
- Are the presented examples or demonstrations appropriate and effective? (**5 Marks**)
- Be delivered in a fluent, polished manner that strengthens the impact of the speaker's message. (**2 Marks**)
- Did the team engage the classmates and answer all the questions about the presented topics? (**3 Marks**)

Project Requirements and Evaluation Criteria

- Every team is required to complete a course project; projects are to be done in teams.
- The project is an opportunity for the team to take an active part in exploring the IDSS.
- The project should reflect the team's knowledge and understanding of IDSS.
- The primary criterion for evaluating the project will be what the team has learned, discovered, and implemented not the amount of text written or the number of pages of the final report. **(25 Marks)**
- Every Team will be asked to give a presentation for 15 minutes on the proposed project to the class starting from Week # 7. The proposed project presentation will be assigned **(10 marks)** and should give:
    - A brief introduction to the area of the project.
    - Specify the goal/Objectives of the project.
    - Approaches, algorithms, and models of IDSS to be used.
    - Resources to be used (Programming & Simulation Tools),
    - A plan of how to achieve the goal and evaluate the results,
    - Expected deliverables.

Requirements of the Project Final Report (15 Marks)

- Every team will submit one version of the final report in Word, where it is well written, proofread, formatted, and includes the Title (in English and Arabic), Summary, Introduction, Objectives, Proposed Approaches, Design & Implementation/Simulation, Analysis/Discussion of the outcomes, and References.
- Please ensure that all Figures and Diagrams in the report are original and editable.
- Descriptions of the approaches and algorithms used to implement the project.
- Descriptions of the tools used in the implementation.
- Description of the experiments and results done for evaluation.
- Any code or data files used in the evaluation.
- PowerPoint presentation of the final report that reflects everything in the report to be presented to the classmates in the last two weeks of the semester (**Weeks 14 and 15**).
- Similarity report of the final report with other resources with no more than 10% similarity as a whole and should be out of the core sections.

LETTER OF CONSENT FROM THE TEAM MEMBERS FOR PARTICIPATION IN THE ICS 487-241 COURSE PROJECT AND TOPICS PRESENTATION

Project Title: …………………………………………………………………

Assigned Topics: ………………………………………………………….

This is to state our agreement that fulfilling the assigned project requirements, and preparing and presenting the assigned topics' will be done collaboratively (as one team). This means equal sharing of efforts among team members will be distributed accordingly and the same score will be given to all team members. Moreover, we agree that if the majority of the team members declare that a team member is not fully contributing to one or both components, then he will be assigned a zero or partial score on the pinpointed component.

Name	ID	Signature

This consent will be printed and every team member must edit his name and sign handwritten then submit it to me as soon as possible.