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GAILLIMHE  
UNIVERSITY  
OF GALWAY



## MS802 - Informations Systems Strategy and Innovation Assignment

# SAP Design Thinking Challenge:

### Project Brief

The processes of industry recruitment face ever growing scrutiny as businesses move to adapt their hiring processes and job applicants change their methods accordingly. This important study to create a better and more valuable experience for both businesses and candidates involves fostering change and awareness of a shifting digital landscape. In addition to the basic concerns of ensuring a suitable candidate for the required role, it comprises addressing the whole system involved in searching for desired candidates. This means dealing with and being aware of the interdependent social, cultural, ecological and technical systems. The search for suitable skills is one of the most important contemporary issues facing industries today and thus represent valuable laboratories for innovation.

This project brief introduces the wide variety of issues involved in designing an experience for new hires and job seekers. The challenge is to leverage today's technologies to improve their experience using Design Thinking Methodologies with the goal of designing the best experience for users in the digital age.

### Dates of Design Thinking Lectures and Activities

Two lectures will take place on:

- 26 January 2023 – 6pm-8pm in AMB-1021
- 2 February 2023 – 6pm-8pm in AMB-1021

These will be followed by a full day online Design Thinking Workshop which will take place via Zoom on Wednesday, 15 February 2023. A Zoom link will be circulated in advance of the session.

All team members are expected to make themselves available on the date outlined above.

### Outline of Project Deliverables and Deadlines

Each group must document their submission as a written report and prepare a 5-minute presentation detailing the proposed prototype/idea.

**The report submission has to be completed via Blackboard by no later than Friday, 31 March 2023 at 11:59pm.** Please note that:

- The system will not accept late submissions;
- The submission portal opens on the 1<sup>st</sup> of March 2023 and early submissions are welcome.

**Each group will deliver a 5-minute presentation to the academic team as well as industry partners from SAP on the 4<sup>th</sup> of April 2023. A soft copy of the presentation will have to be submitted via Blackboard no later than Monday, 3 April 2023 at 11:59pm.** Please note that:

- The system will not accept late submissions;
- The submission portal opens on the 1<sup>st</sup> of March 2023 and early submissions are welcome.

A detailed schedule of the presentation will be provided one week before the presentation date.

## Deliverables

A general outline of deliverables is provided below. Both the report and the presentation should be compiled and prepared in a professional, business-like manner, and conform to the following requirements.

### Report:

- The final document should include a cover page with the following: class (MS802), Group number, student names, student IDs and date of submission.
- The report should be no more than 4000 words (excluding appendices if applicable).
- The final document should contain a Table of Contents (including page numbers).
- Page number should be displayed on each page excluding the cover page.
- Each section must have a heading. Level 2 (e.g., 1.2) or level 3 (e.g., 1.2.1) sub-headings can also be used.
- A bibliography (list of source material references) should be provided at the end of the document and should be formatted using APA style (see <https://libguides.library.nuigalway.ie/c.php?g=672922&p=4791378> for more details).
- Appendices can be used if appropriate.
- Font: Arial font size 12
- Line Spacing: 1.5
- Paragraphs: Justified

### Report structure:

The purpose of this assignment and Design Thinking is to encourage you to approach challenges in your own unique and innovative way, so there is no hard structure to the structure of the report. However, an exemplar list of sections is outline:

- Introduction
- Description of the proposed solution/prototype.
- Scope of the solution.
- An analysis of the stakeholders involved.
- Functional and non-functional requirements.
- Comment on for example: constraints, reporting needs, usability, reusability, reliability, performance.
- Customer value proposition

Again, this is not a strict instruction on how to structure your report.

No matter what sections you focus on, it is essential you keep your focus on the challenge you have been given.

The report should be submitted in PDF format. This could also be included in a compressed archive (.zip) if supporting files are submitted together with the main report.

### Presentation:

Each group will be asked to present for no more than 5 minutes to the academic team, industry partners from SAP and the other classmates on Tuesday, 4 April 2023. The presentation:

- Cannot be longer than 5 minutes.
- Should not include more than 5/6 slides including the cover slide. These will have to be submitted in .pptx format on Blackboard before the deadline outlined above (it will be downloaded and be available on a laptop on the presentation day).
- The .pptx file should be named as *GroupNumber\_MS802.pptx*.
- It can be delivered by more than one team member. It is recommended that no more than 2 or 3 members present on the day to avoid delays but groups are free to manage their 5 minutes as they see fit.
- It is expected that all team members are available on the day of the presentation and are able to respond to questions from the audience (if applicable).

General recommendations for the presentation:

- Avoid using dark images as background.
- Use a font size that makes your slides readable on a large screen.
- Do not overload slides with text.
- Try not to talk too fast even if time is limited.

### Other General Points

- Requirements determination will be facilitated by SAP through a Design Thinking Workshop.
- The project should be your own work. Excessive use of non-original material (including code) is discouraged. You **must** include acknowledgement of all non-original material in your written report, as well as traceable links to original version(s).
- Effective and managed teamwork is a vital aspect of this project. It is suggested that your group nominates a team leader early in the process. Any problems relating to teamwork that cannot be solved amongst the group should be discussed with Dr Pierangelo Rosati as soon as possible.
- There is no facility to redo this project. Should a group member fail to complete work allocated to them, this will affect the marks awarded to all group's members.
- Use of academic references is encouraged (if relevant and appropriate).

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### Marks:

This project carries 30% of your final grade for Information Systems Strategy and Innovation. More specifically:

- Report 20%
- Presentation 10%

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**Contact Staff Member:**

The contact staff member for this assignment is **Dr Pierangelo Rosati** (pierangelo.rosati@universityofgalway.ie). You should contact the project coordinator in the first instance regarding any aspect of your assignment.