**Project deliverables** (Presentation by Daniel)

1. Project report (4000 per student)
2. A body of textual information to be placed on the website
3. The website itself complete with the info and the interactive features
4. The proposed methodology for Review and Analysis of Literature:

This methodology addresses the following three project phases: (Presentation by Daniel)

1. **PHASE I:** Investigation of the problem statement i.e. researching the information and technological gaps in RPA/process mining field that necessitate the creation of this web-portal solution (Presentation by Daniel)

* Problems managers who want to implement RPA/Process mining face: market being in-transparent, lack of consolidated info on available technologies and associated prices, what technologies and tools can be acquired free of cost and which are paid, etc.
* What are the full range of RPA/process mining technologies/tools available in the market both free and paid?

1. **PHASE II:** Developing/drafting a body of information on RPA/process mining tools for consumption by the web-portal’s visitors. This body of information is to be placed on the web-portal alongside other interactive features (Presentation by Daniel)
2. **PHASE III:** Development of the portal complete with information sources and interesting interactive features (Presentation by Daniel)

In order to achieve the three phases (A, B and C above), we propose the following qualitative review and analysis methods:

* Narrative Systematic Literature Review and compilation of the Long List of sources: (Presentation by Mehdi)
* Systematic review of literature (Presentation by whom?)
* Selection Criteria for selecting the short list (Presentation by whom?)
* Online and offline Content Analysis (Presentation by whom???)
* Exploring the possibility of text mining on a small-scale on the long list of info sources (Presentation by whom???)
* Exploring the possibility of Key Informant Interviews with a number of opinion leaders/practitioners (Presentation by whom???)

1. Thoughts on the design, layout and features of the web-portal solution (Presentation by whom???)

* Technical specifications

NOTES:

Narrative Systematic Literature Review and compilation of the Long List of sources: (Presentation by Mehdi)

that provides a review of the most important and critical aspects of the current knowledge of the topic. This general literature review forms the introduction to a thesis or dissertation and must be defined by the research objective, underlying hypothesis or problem or the reviewer's argumentative thesis.

• Systematic review of literature (by whom?): Systematic review is the review of a clearly formulated question that uses systematic and explicit methods to identify and select and critically appraise all relevant research as well as information sources. We can call our proposed review systematic because we will base the review on certain specifications such as selected key search terms, language (English, German), and we also use RQDA for creating a coding the information based on selected key words and search terms.

• Selection Criteria for selecting the short list: (by whom?): It should be recent (2016 or 2017 onwards), has certain key terms, for example we expect some of the raw information sources to be filtered through RQDA and that will give us a breakdown of key search terms. and provide us with practical information so that the website itself can have practical information

**Online and offline content analysis (whom?):**

Content analysis is a qualitative research tool that we can use on text data. It is a research tool used to systematically examine textual data. It helps determine the presence of certain words, themes, or concepts within some given qualitative data (i.e. text). Using content analysis, researchers can quantify and analyse the presence, meanings and relationships of such certain words, themes, or concepts. Researchers can then make inferences about the messages within the text data. We will use RQDA to help us quantify certain key search terms and to better understand the relationships.

**Exploring the possibility of text mining on small scale as an experiment (whom):**

Text mining is the process of transforming unstructured text data into meaningful and actionable information through AI-based programs. Text mining utilizes different AI technologies to automatically process text data and generate valuable insights or help with better understanding the text data.

There are a number of free or open-source text mining tools available which we will use to experiment with our text data. This will be just for experiment and might not provide real value for our assignment but anyway we will give it a try as an experiment.