Proposal Template  
  
Dissertation Proposals need to include all the following details:  
– Front-page  
– Student name and surname  
– Student number  
– Stream (eg. ASD, DA)  
– Programme (eg. TU059 / TU060)  
– Number of modules left to take (or exemptions or modules pending results)  
– When to start the dissertation if proposal is approved i.e. end of January 2023  
– Proposal submission attempt (eg. 1st, 2nd, 3rd)  
– Title of project (20 words)  
– List of people and companies associated with the project (including those you might need input from or data from) (20 words)  
– Sources of data needed for the project, if any (20 words)  
  
The proposal  
  
The research background + domain + scope (max 300 words).   
Describe the context of application and provide the reader with some background and main notions/concepts  
  
Informal description of the research problem (max 300 words)  
Describe the problem you aim to tackle informally  
  
Literature review + state-of-the art approaches to solve the identified research problem + gaps (max 1000 words)  
Identify and describe the relevant peer-reviewed articles you have read (30+) in the selected domain of research. Identify and describe the state-of-the-art approaches to solve the identified research problem.  
Identify and describe the gaps of the state of the art approaches (these will inform the subsequent research question).  
  
Research question (max 70 words)  
  
Hypothesis (max 300 words)  
Informally describe the hypothesis of your research design. Formally define your alternate and null hypothesis.   
  
Research objectives and experimental activities (max 1000 words)  
Define your objectives and the research activities for each of them. Provide precise details about how you are going to implement, in practice, each of the research activities (eg. programming languages, technologies employed, execution of surveys, baseline methods and approaches).  
In some of the research activities, specify clearly all the details of dataset (eg. dependent/independent variables, scales and ranges, sample size).  
  
Evaluation of designed solution with statistical tests (max 300 words)  
Describe carefully how you are going to evaluate the outcomes of your experiment statistically, considering the concept of significance, and how you are going to accept/reject your hypothesis  
Describe how findings will be related to the research question  
  
Bibliography   
References – using the APA style (max 1500 words)   
  
Activities   
Timeframe for each research activity planned in section 7 (1 line per activity) (max 300 words)