# Project Proposal Outline:

1. Cover Page (attachment 1)
2. Index with page number
3. Introduction: exactly which problems you want to solve via this project, motivation/reason behind working on this project, why this problem is so important and what would be its impact upon society/economy/environment/animals/…
4. Preliminaries (optional): discuss necessary notations and definitions
5. Background research: related/similar well-known projects and/or papers and what are their weaknesses/limitations (which you want to fix/address)
6. Overall Idea: what you want to do and how (high level idea) you are going to improve upon existing similar projects/papers.
7. Tools to be used: Here you must discuss the appropriate existing technology (software, library, tools, IC/components, etc.) you can use to develop your project, which tool you select among them and why. If you need to buy any tool then specify your budget for that, as well.
8. Project Plan: breakdown the whole task into manageable chunks and plan to complete each chunk within a reasonable time in such a way that you can finish 50% by mid-term and 100% by the 11th week. Show the timeline as a Gantt chart. Also show division of labor (who will be responsible for which part) and individual members’ timelines to accomplish their tasks.
9. References
10. Appendix:
    1. Mapping with BS courses (a template is given as attachment 2): try to map as many topics as possible from the topics discussed in the BS courses here.
    2. Discuss in details the tools/technologies (its functionalities, how to obtain and use it, etc.) you use in this project; especially discuss those tools that are not taught in NSU.
    3. Individual Contributions in different parts of writing the proposal report, creating figures/tables/timelines, finding & adding references, etc.

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**CSE299 (Junior Design Project) Proposal**

**Project Title:**

**Semester:** Summer 2019

**Sec**: 14

**Group #**

**Group Members**

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| SI | Full Name | ID |
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**Supervisor**:

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Submitted on:

## Mapping with BS courses

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| --- | --- | --- | --- |
| SI | Course Code | Course Title | Course contents that were used in this project and how |
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