1. **Research Life Cycle**

Below is a general research life cycle.

1. **Research Lifecycle, Activities and Thesis Outcomes**

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| **Lifecycle**  | **Activities**  | **Thesis Outcomes** |
| Planning | 1. Form research questions
2. Literature review
3. Identify research partners
 | 1. Thesis advisor and committee formed
2. One page thesis topic description approved
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| Design | 1. Methods used to address the research questions
2. How data will be collected and analyzed. Or how an information system will be built
3. Project management
 | 1. Thesis proposal approved by the committee
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| Implementation  | 1. Pilot study if necessary
2. Data collection and analysis
3. System development
 | 1. Conference paper on research ideas, method or pilot study (not required)
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| Dissemination |  |  |