Literature survey

- **Definition**
  - Identify and define relevant concepts
- **Background**
  - Define and explain the relevance of graph properties, cryptography, blockchain technology to the project
- **Literature review**
  - Existing reputation models and algorithms in use, evolution of blockchain and its significance to the problem.

Design & implementation

- **Requirements analysis:** Formulate and analyze system's requirements by identifying user types and their interactions.
- **Solution design:**
  - Methods to quantify the interaction information and their aggregation to infer the trust scores.
- **Smart Contract:**
  - Write contract code, deploy the contract on blockchain network and test the functionalities

Results & evaluation

- **Evaluation metrics:**
  - Identify evaluation metrics
- **Datasets**
  - Find an appropriate dataset and apply the proposed model to real P2P dataset.
- **Results evaluation**
  - Trace the system's requirement to the implemented system's functionalities.
  - Simulate interaction graph to demonstrate different behaviour and verify that trust metrics are representative of actual trust value.
  - Analyze relevant threat models of reputation systems and discuss how proposed system addresses them.