

### **Scope (5 Marks):**

1. User: Define who the users are.
2. Recommendation Items: Describe the items being recommended.
3. User Interaction: Explain how users interact with the system.
4. Dynamic Scenario and Cold Start Problem: Address how the system handles changing scenarios and the cold start problem.
5. Business Value: Discuss the business value of the recommendation system.

### **Dataset (5 Marks)**

1. Dataset Features: Detail the features from both item and user sides.
2. Comparison with Similar Datasets: Compare their dataset with other similar datasets.

### **Methods (5 Marks)**

1. Recommendation Problem and Methods: Explain the recommendation problem and the methods used to solve it.
2. Justify Datasets and Methods: Justify why they chose the datasets and methods used.

### **Evaluation (5 Marks)**

1. Metrics for Recommendation Model: Discuss the metrics used to evaluate the recommendation model based on historical data.
2. Metrics for Recommendation System: Describe the metrics for evaluating the system based on user feedback and interaction.
3. Justification/Tradeoff Among Metrics and Model: Justify the metrics used and discuss any tradeoffs among them.
4. Computational Requirement: Detail the computational requirements(eg. time)
5. Outline of User Study: Provide an outline of the user study(including how real user feedback will be used for evaluation)