DS project overview

## Team meeting

| time | output |
| --- | --- |
| 2.27 4:00pm | Goal:   * Synchronization Information * Project Division   Output:   * Yucui is responsible for the first 3 subtasks, and kristiina is responsible for the last 3 subtasks, be prepared for checkpoint 1 * Need to discuss about progress, problems and next plan in the next meeting |
| 3.5 5:00pm | Goal:  Output: |
|  |  |

## Checkpoint 1 progress

| task | status |
| --- | --- |
| Establishment of a RESTful connection between the backend and frontend. | * Only defined the post endpoint |
| Creation of the 3 new backend services, as gRPC servers | * Fraud\_detection logic: If the billing address is in Bangkok, Thailand, then it's fraudulent * Transaction\_verification logic: It is valid if the required payment information is provided and the credit card digits as well as the expiration date are valid * Book\_suggestions logic: defined a series of static book tables that recommend another book by the same author for each book in the request |
| Establishment of the gRPC client/server communication between the services | * Done, functions are defined for each of the three microservices |
| Threading in the orchestrator | * Done, 3 microservices are executed asynchronously |
| Logging | * Provided in orchestrator service |
| Project organization, documentation, collaboration, and other factors | * Provided in doc file |
| Architecture diagram & System diagram | * Provided in doc file |