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## Higher Diploma in Information Technology

### Object Oriented Programming (Java)/Technical Communication

Year 1 Semester 2 – 2022

#### Group Project Specification

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#### Intended Learning Outcomes:

At the end of the class the students should be able to:

- To identify user requirements and develop Object Oriented Concepts
- To develop Java application

TimeTicker is a Watch Sales and repair Shop located in Jaffna. Currently their entire business process is operated with books and ledger records.as a startup company your group has been hired to automate the manual process of TimeTicker. The following main business requirements has been discussed by the client. Implement a java Swing Application to automate the business requirements.

1. Manage Watch Sales Invoices (Add,Update,Remove)
2. Manage Watch Repairing Jobs (Add,Update,Remove)
3. Manage Spare parts
4. Manage Parts Suppliers
5. Allocate employees to the Repairs/Restoration Jobs.
6. Monthly Income and Expenses report.
7. Send notification to the suppliers when parts are out of stock
8. Send notification to the customer when the job is completed via email.

**Note: Fill the Task allocation Table in the registration form by the task numbers given above.**

#### Main Submissions

1. Group registration form along with the work allocation to the course web
2. Final project after the final examinations

#### Document Submissions by individual group members (check course web for deadlines)

1. Use case diagrams
2. Class diagrams
3. ER diagrams.

#### Marking Guide Template

Check the course web