SE 216 – SOFTWARE PROJECT MANAGEMENT
SOFTWARE MEASUREMENTS DOCUMENT

PROJECT NAME: Mixture

GROUP MEMBERS: Muhammet Ersin Karaer, Mustafa Alan, Yağmur Akbaba

Questions to identify measurements:
What is produced by the team?   How much time spent on the project?   How did the project change?   What are the resource allocations?   How is the quality of the product?
Identified measurements:
Total number of tasks that completed   Total number of classes that are implemented   Total number of components implemented   Total number of components reused   Total number of relationships between classes   Total page number of documentation written   Total hours spent on the project   Total hours spent during each sprint   Total number of the requirements' changes   Total number of the changes on components that implemented before   Total number of defects observed on the project   Total cost spent on the project   Total number of people who worked on the project   Total hours spent on a specific task and by which staff   Satisfaction level of the customer
Measurement storage and collection:
What   - Completed Tasks   - Implemented Classes   - Implemented Components   - Completed Documentation   - Requirement and Implementation Changes   - Observed Defects   - Total Hours Spent

When
- At each Scrum
- At the end of the each sprint
- At the end of the project

Format
- Integer

How
- Entered into a Google Sheet document that can be edited by every team member and Scrum Master

Measurement Type	Description	Example Measurements
Production	Work done by development team	Number of tasks, classes, components, reused components, relationships, page number of documentation
Time	Total time spent during the development	Time spend during each sprint, time spent on the project
Changes	Total number of changes during the project development	Total change number of implemented components, total change of requirement changes
Resource Allocation	Statistics of how resources used	Number of the staff, total cost, hours spent by each staff on which tasks
Satisfaction Level	Validation and verification of the product	Number of completed requirements, feedback by the customer, total number of tests