

CIS 350 – Introduction to Software Engineering

Grading Criteria for Group Project, Fall 2018

	Draft	Final	Estimated Effort
Team & Project Information: <ul style="list-style-type: none"> Cover page with project name and names of team members Brief Project description List of features supported in release Sample screenshots of application 	10	5	5%
Planning: <ul style="list-style-type: none"> Software Process Model Used Plan for Definition, Development, Verification, Maintenance & Umbrella Activities Gantt Chart of features / tasks 	20	10	10%
Specification: <ul style="list-style-type: none"> Use case diagram (system boundary diagram) Use case descriptions Requirements and/or User Stories 	30	10	10%
Design: <ul style="list-style-type: none"> Class diagrams (generated with ObjectAid UML Explorer) 	15	10	5%
Development: <ul style="list-style-type: none"> Code standards (via Checkstyle violations report and chart) Static Analysis (via FindBugs bug report) Code Documentation (via Javadoc API for classes, interfaces, and methods) 	10	15	15%
Configuration Management: <ul style="list-style-type: none"> Git log for the remote repository URL to the remote Git repository 	10	15	10%
Verification: <ul style="list-style-type: none"> Unit and System / Integration Tests Code coverage reports (via EcEmma) from: <ul style="list-style-type: none"> Unit testing, and System / Integration testing 	10	30	20%
Customer Acceptance Criteria: <ul style="list-style-type: none"> Release Demo: How well do features work? 	10	40	N/A
Project Status / Postmortem: <ul style="list-style-type: none"> Responsibilities/Roles of each team member Self-reflection and team reflection by each team member Current Earned Value and Metrics Justification of any imperfect code coverage, bug reports, ... Lessons Learned 	10	40	25%
Total	125	175	100%