Product Backlog (/2.5)
- The comments from Deliverable 4 must be addressed.
- ✓ For any comments that were not addressed, deduct -2 points.
- The backlog should have been updated with respect to sprint numbers, story points, etc.
- ✓ If there is no update, deduct -2.5 points.

Sprint Backlog 5 (/2.5)
- The comments from Deliverable 4 must be addressed.
- ✓ For any comments that were not addressed, deduct -2 points.
- Should reflect the product backlog. That is, all the user stories that are assigned to Sprint 4 in the product backlog, should be shown in Sprint Backlog 4.
- ✓ For any missing user story, deduct -2 points.
- ✓ If Sprint Backlog 4 does not reflect the product backlog, deduct -5 points.

Updated GitHub (/2.5)
- It should be updated from Deliverable 4. If not, give 0.
- Contributions should be consistent, and all students contribute.
- If a student does not contribute to Github, the student will be graded as 0.

Updated Kanban (/2.5)
- Kanban board should show progress.
- ✓ It should be updated from Deliverable 4. If not, give 0.
- If no progress is shown, the grade for this part will be 0.

Sprint Review 5 (/5)
- Updated, and it follows the guideline.
- Should follow the template posted on Brightspace.
- For any missing item from the template, deduct 2 points.
- Should be for Sprint 1- 5

SRS + UCM + AD+ SD + DM (/5)
- Need to check if the comments from Deliverable 4 have been addressed.
- ✓ For any comment that is not addressed (every single one), deduct -1 point.
- If each of the SRS, UCM, SD, AD, DM, didn't need any update, then the 5% will be added to design pattern grades, and no grade will be given for SRS+UCM+SD+DM. That is, SRS+UCM+SD will be 0, and design patterns will be /15.

Configuration Management (/5)
- Need to check if the comments from Deliverable 4 have been addressed.
- ✓ For any comment that is not addressed (every single one), deduct -2 points.

Design Pattern and DCD (/10 or /15)
- Need to check if the comments from Deliverable 4 have been addressed.
- ✓ For any comment that is not addressed (every single one), deduct -2 points.

Test Plan document (/40)
- Unit testing (screenshots), use case testing, acceptance testing.

- Students need to have about 5 – 10 use case testing.

- ✓ If the number of use case testings is below 5, for each one missing, deduct -5 points.
- ✓ The tests should follow the guideline from the lecture slides. For any mistake in each of the use case testing, deduct -2 points.
- • Students need to have 10 – 20 unit test cases for different methods, and classes in their program.
- ✓ If the number of unit testing is below 10, for each one missing, deduct -5 points.
- ✓ The tests should follow the guideline from the lecture slides. For any mistake in each of the unit testing, deduct -2 points.
- ✓ At least five of the unit tests should be implemented in the code.
- • Students need to have screenshots of the results for all three types of testing: unit testing, use case testing, and acceptance testing.
- - For any screenshots that are missing, deduct -2 points.

Plan for Future Document (/5)
- • The plan for the future needs to have the following items:
- ✓ The list of the requirements or user stories that have not been addressed during the semester.
- ✓ The plan for future development of the remaining tasks.
- • For any of the items that are missing, deduct -2 points.

A new version of the application   (/20)
- • If there is no progress in comparison to Deliverable 4, give 0.
- • Students need to develop at least 1 to 2 news features of their application. The application has to have at least 3 - 5 main features implemented as the final version.
- ✓ If no new feature is implemented, give 0. Otherwise, if at least 1 new feature is started, do not deduct any points.
- ✓ If less than 3 features are implemented, deduct -10 points for any missing feature.
- • Students also need to refactor some of their classes to match their DCD and design patterns.
- - If the code does not match the DCD and design patterns at all, then deduct -10 points.
- • If there is no UI and class implementation such as sign-up, or login, deduct -5 points for each.
- • If the features from the last deliverable are not updated, deduct -2 points.
- • All the dependencies, requirements etc, must be all set.
- ✓ If there is nothing, deduct -5 points.
- • A README file also needs to be updated.
- ✓ If there is no update according to the progress, deduct -5 points. If the update is not needed, then do not deduct any points.
- • Besides finalizing your application, you need to have at least five of the unit tests implemented.
- ✓ For any missing test case, deduct -5 points.
- ✓ For any mistake, deduct -2 points.

Usability study (Optional) (/20)
- • Usability study includes the following:
- ✓ Artifacts
- ✓ Permission forms
- ✓ Scripts
- ✓ Results

✓   Potential videos
- If any of these items are missing, deduct -5 points.
- If the permission forms are missing, give 0.
- If they have fewer than 4 people, give them partial credit. For each item missing, deduct -5.

Total = /100 + 20% extra credit