Product Backlog ( /5) Needs developer feedback at end of implementation

* The comments from Deliverable 5 must be addressed.
  + For any comment 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 6 (/5) Needs developer feedback at end of implementation, comment was addressed

* The comments from Deliverable 5 must be addressed.
  + For any comment that were not addressed, deduct -2 points.
* Should reflect the product backlog. That is, all the user stories that are assigned to Sprint 6 in the product backlog, should be shown in the Sprint Backlog 6.
  + For any missing user story, deduct -2 points.
  + If the Sprint Backlog 5 does not reflect the product backlog, deduct -5 points.

Github (/5) Make commits at end of deliverable

* It should be updated from Deliverable 5. 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.

Kanban (/5) Require update after implementation

* Kanban board should show a progress.
  + It should be updated from Deliverable 5. If not, give 0.
* If no progress is shown, the grade for this part will be 0.

Sprint Review 6 (/5) Needs developer feedback at end of implementation

* 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- 6

SRS + UCM + AD+ SD + DM + CM ( /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 points.
* If each of the SRS, UCM, SD, AD, DM, CM didn’t need any update, then the 10% will be added to design pattern grades and no grade will be given for SRS+UCM+SD+DM+ CM. That is, SRS+UCM+SD will be 0 and design patterns will be /15.

Design Pattern and DCD (/10 or /15)

* Need to check if the comments from Deliverable 3 have been addressed.
  + For any comment that is not addressed (every single one), deduct -2 points.

**Test Plan document (/35) done!**

* 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 are 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, classes in your program.
  + If the number of unit testings are 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 the three types of testing: unit testing, use case testing, acceptance testing.
  + For any screenshots that is 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 is missing, deduct -2 points.

**New version of the application (/20) -**

* If there is no progress in compare 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 point.
  + 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 it partially matches, do not deduct any point but comment for the next deliverable that they need to improve.
* If there is no UI and class implementation such as sign-up, 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.
* Beside 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 less than 4 people, give them partial credit. For each item missing deduct -5.

Total = /100 + 20% extra credit