

CENG495 Cloud Computing

HW1 – Web App + NoSQL

Grading Rubric

- 1) **(50 pts) Correctness of MongoDB usage:** Ensure that MongoDB is utilized correctly according to the assignment requirements and best practices.
- 2) **(10 pts) README file:** Create a well-documented README file that includes design decisions, Render deployment URL, login instructions, choice of programming language and frameworks, user guide, and any other relevant information.
- 3) **(40 pts) Usability of web application and functionality implementation:**
 - Homepage (4 pts)
 - Items of specific categories view (5 pts): no filtering option -2 pt, partial filtering option -1 pt.
 - Item details view (4 pts)
 - Sign-up (4 pts): if no verification email -1 pt.
 - Log-in (2 pts)
 - Authenticated users can update their accounts (2 pts)
 - Authenticated users can add items (3 pts)
 - Authenticated users can update items (2 pts)
 - Authenticated users can delete items (2 pts)
 - Authenticated users can deactivate & reactivate items (2 pts)
 - Authenticated users can add items to their favorite list (2 pts)
 - Admin can delete user (2 pts)
 - Admin can delete item (2 pts)
 - Email functionality (4 pts): whenever the price of an item is updated with a decrease, an informational email should be sent to all users who have added that item to their favorite list.
- 4) **(3 pts) Pagination as bonus**

You are permitted to utilize **a web template for the front end** of your web application. This allows you to benefit from pre-designed layouts, styles, and components, speeding up development and enhancing visual appeal. You can choose a template that suits your e-marketplace's requirements and customize it as needed for your design and functionality needs.

Grading:

Total Collectable Points: **103 pts**

Overall Grade: **min (Total Collectable Points, 100)**