

COMP2013J DATABASES AND INFO SYS (S/E)-2022/23

BEIJING-DUBLIN INTERNATIONAL COLLEGE

Tiny Report2 (Week12)

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1 System Architecture Diagram

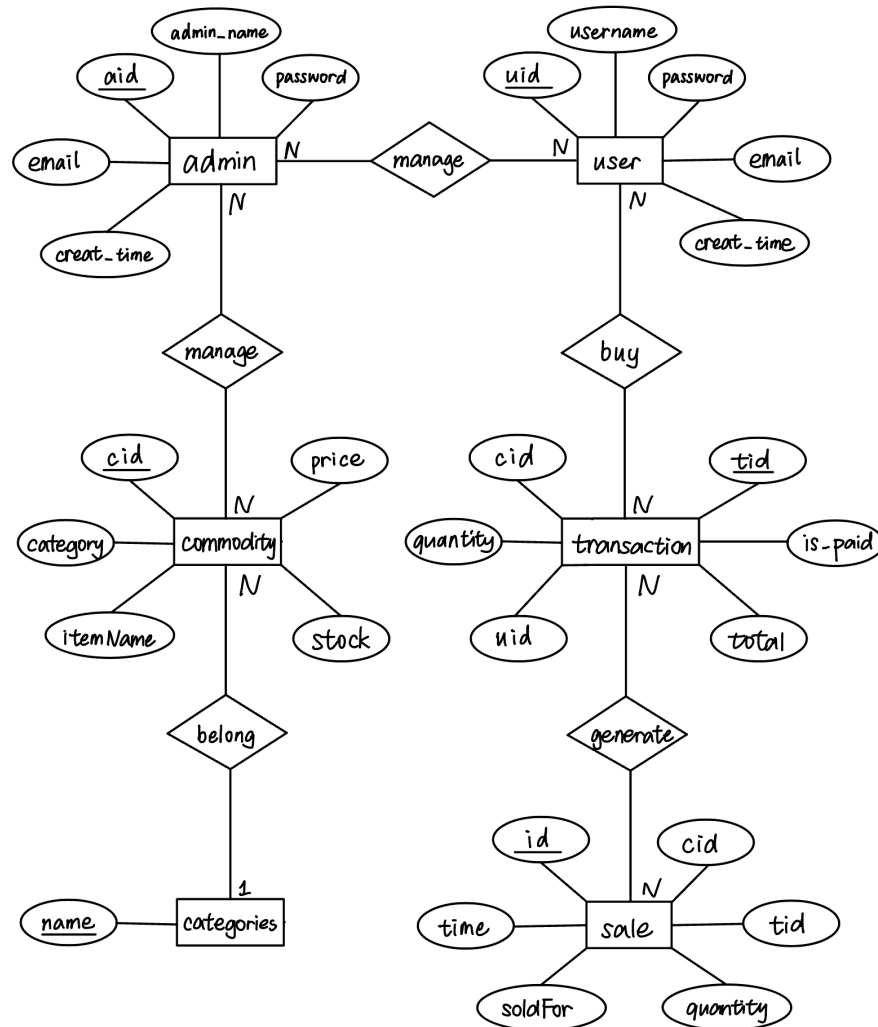


Figure 1: ER diagram

2 Self-assessing

Over the past fortnight, significant strides have been made in the evolution of our avant-garde shopping information platform.

Our primary achievement pertains to the establishment of the foundational database system. This feat involved the construction of pertinent tables and the subsequent populating of these with preliminary data. This substantial development constitutes the core of our system, housing crucial information such as product specifics, user profiles, and transactional history, which are indispensable for a multitude of functionalities within our platform.

An additional critical juncture that we successfully navigated was the completion of the login interface along with the product display interface. The fruition of these interfaces represents a momentous advancement in our development trajectory. Users are now endowed with the capability to log into the system, and the platform has the capacity to efficaciously exhibit an array of products tailored to the user's selection.

Moreover, the implementation of rudimentary shopping functionalities has been initiated. In particular, post login, users can now elect to add desired products to their shopping cart. This feature embodies a vital component of the e-commerce experience, edging us closer to our objective of delivering an effortless and gratifying digital shopping journey for our users.

3 Group Plan

As we propel forward, we acknowledge that our endeavor is a work in progress. The ensuing phase of our project will primarily concentrate on the manifestation of the remaining functionalities. We aspire to augment the user experience by integrating features such as product filtration, search functionality, and wishlist formation.

Furthermore, we will address the requirements of our administrators by devising tools for management of product information, inventory, and updates. Concurrent to the addition of these new functionalities, we will dedicate efforts to refine the user interface design to ensure an intuitive and seamless experience for our users.

In addition, extensive testing will be undertaken to validate the solidity and reliability of our platform. This will encompass system checks for bugs, user experience evaluations, and stress testing to guarantee the system's capacity to endure the anticipated load.

While we express satisfaction with our progress hitherto, we comprehend the significance of sustaining our momentum. Notwithstanding the prospective challenges ahead, we remain steadfast in our commitment to delivering a comprehensive, user-friendly, and robust shopping information platform that caters to the needs of both users and administrators.