As-Built Document

## Stakeholders

* CEO: Tim
* Developer: Anna
* Operations Lead: Jay
* Student SRE

## Code Changes

* Security Fixes
  + Ticket 305: Resolved input validation concerns, specifically addressing the risk of SQL injection attacks.
* Feature Additions
  + Ticket 301: Introduced dynamic search functionality.
  + Ticket 302: Added chatbot support in a pop-up window for basic customer support.

## Data and System Changes

* Data model changes
  + Ticket 303: Introduced a new product reviews table that enables customers to rate and leave feedback.
  + Ticket 304: Added a payment method option field to the existing payment.
* System changes
  + Increased RAM usage by 20%.
  + Scaled up the number of servers to serve 50% more users.

Design decision highlights

* Dynamic search functionality was introduced to enhance the user experience.
* Chatbot support was added for basic customer support.
* A new product reviews table was introduced that enables customers to rate and leave feedback.
* The color scheme of DeskShop’s webshop was changed to align with the branding strategy and reinforce brand identity. **(Ticket 306)**

Test Section

* 100% of the tests are passed during the release.

Deployment Notes

* The release process follows a staged rollout approach.
* A blue-green deployment strategy was adopted.
* Automated monitoring tools used to ensure proper functioning.