Milestone 4 – Part 2: Version Description Document for Smart Checkout Nexus

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List of New Features

The following table outlines the functional behaviors implemented and tested during Milestone 4. Each feature is associated with a completed Trello card that tracks progress, attachments, and acceptance testing documentation.

Table 1

New Features Implemented in Milestone 4

Feature	Description	Related Trello Card
Customer Login and Authentication	Allows secure login with validation for correct and incorrect credentials	R_1: User Authentication
Item Scanning and Cart View	Scanned items are displayed in the cart with name, quantity, and price	R_4: Add Items via Barcode
Receipt Options	Enables customers to choose between print, email, or no receipt at checkout	R_13: Receipt Option Selection
Assistance Request System	Allows customers to call for help, sending an alert to the attendant dashboard	R_9: Assistance Call Button
Attendant Override Functionality	Attendant can override rejected coupons or items from their dashboard	R_10: Attendant Override
Attendant Login Security	Ensures only authorized attendants can access the management dashboard	R_15: Attendant Login Screen

Screenshot #1

Trello Board Overview

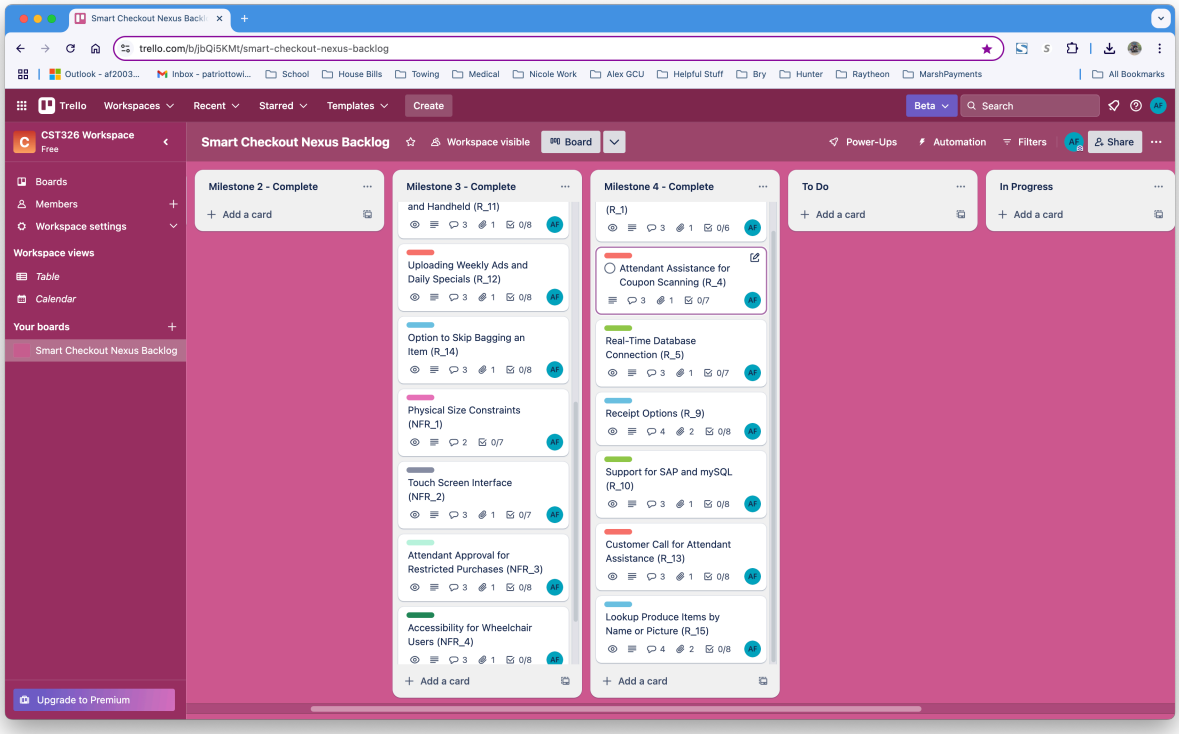

Figure 1 Overview of Trello board displaying functional requirement tracking across workflow stages.

Screenshot #2

Completed Functional Requirement Card (e.g., R_4: Add Items via Barcode)

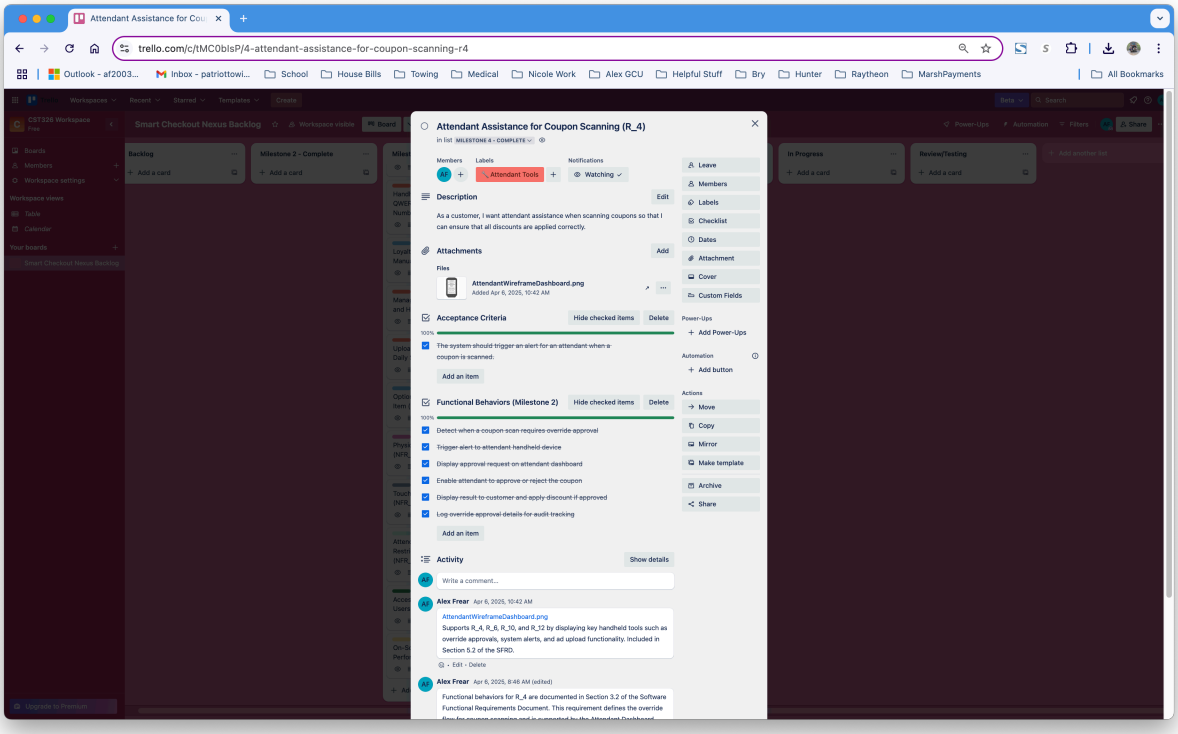

Figure 2 R_4 Trello card with checklist completion, attached wireframe, and acceptance test evidence.

List of Known Issues

The following table lists any features or issues that are either incomplete, deferred for future sprints, or identified during testing.

Table 2

Known Issues Documented in Milestone 4

Issue	Description	Trello Issue Card
Payment Gateway Simulation Placeholder	No real payment simulation implemented; ATP used mock steps for checkout	“Payment Gateway Simulation Placeholder”

UI Transitions/Accessibility Enhancements	UI lacks transitions and accessibility compliance in some views	“UI Transition/Accessibility Enhancements”

Screenshot #3

Known Issue Trello Card

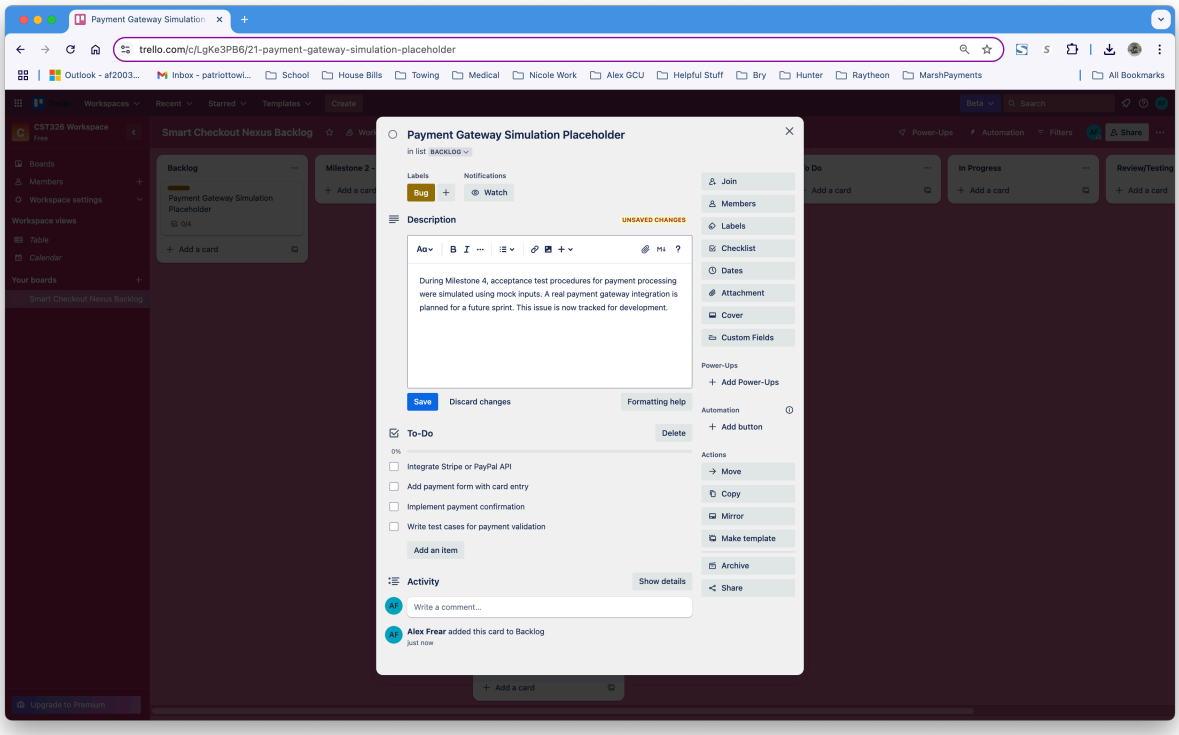

Figure 3 Trello card documenting a known issue that will be addressed in a future sprint.

Version Identification

This project is being managed locally with version tracking maintained through Trello. Each functional requirement and issue is represented by a card on the Trello board and marked by milestone labels. The most recent version of the project delivery corresponds with **Milestone 4** and includes completed cards for acceptance-tested features.

Since no Git repository is being used, versioning is based on:

- **Milestone labeling** within Trello (e.g., “Milestone 4” tag)

- **Checklist completion status**
- **Attachment of wireframes and acceptance test procedures**
- **Timestamped card activity logs**

Agile Strategy for Managing Task Overload

To avoid taking on more tasks than can be completed in a sprint, I use **sprint planning** and **backlog grooming** practices in Trello. I assign each card a **Milestone label** and **effort estimate** using checklist subtasks. By moving only a limited number of cards into “In Progress,” I ensure that the workload stays manageable.

If additional issues come up during a sprint (like new bugs or requirement gaps), I document them in the backlog but defer them to the next sprint unless they are critical to current delivery. This helps maintain focus and avoid scope creep.