IDATA2301 Sprint Reports

10049, 10008, 10036

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1 Sprint 1, week 3

1.1 Planning

The plan for the first sprint is to get the project going. This includes getting started with the requirements for the application. We also aim to start work on sketches for the website.

1.2 Task delegation

Tasks this sprint include:

- Create sprint report document (Stian)
- Create issue board (Ludvik)
- Create repository (Ludvik)
- Figure out what pages are initially required for the application (Stian, Kristian, Ludvik)
- Create sketches for pages (Stian, Kristian, Ludvik)

1.3 Retrospective

The first sprint went as planned, and we managed to complete all the expected tasks, as well as get a head start on mock-ups. Everyone met as expected.

1.4 Issue-board screenshots

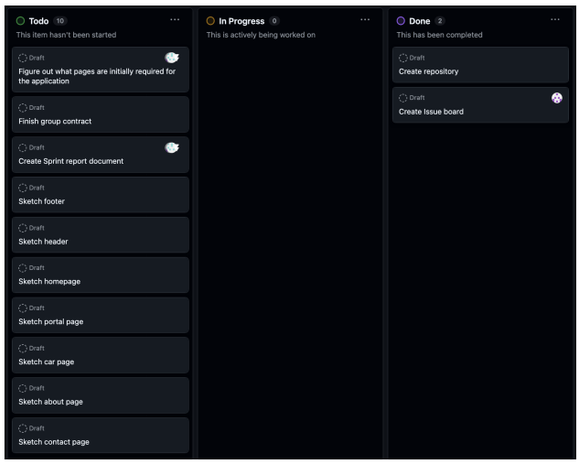

Figure 1: Sprint 1: Start

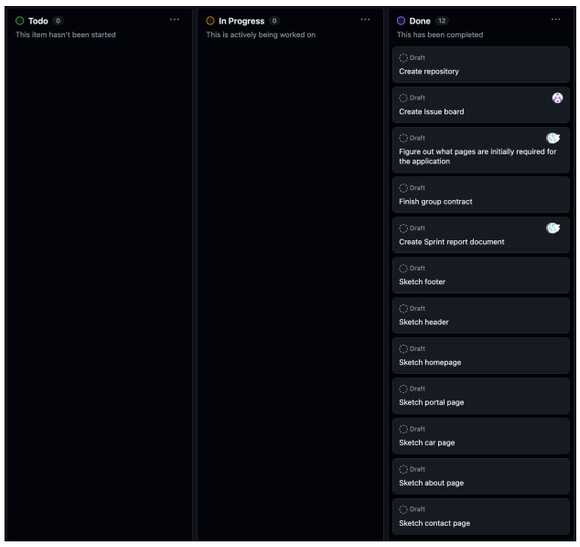

Figure 2: Sprint 1: End

2 Sprint 2, week 4

2.1 Planning

This sprint we plan to create and design mock-ups for the individual pages of our application. These mock-ups will be designed in Figma.

2.2 Task delegation

Tasks this sprint include:

- Mock-up footer (Kristian)
- Mock-up header (Kristian)
- Mock-up homepage (Kristian)
- Mock-up portal page (Ludvik)
- Mock-up car page (Stian)
- Mock-up contact page (Stian)
- Mock-up about page (Kristian)

2.3 Retrospective

During the second sprint we achieved all the expected tasks and everyone met as expected.

2.4 Issue-board screenshots

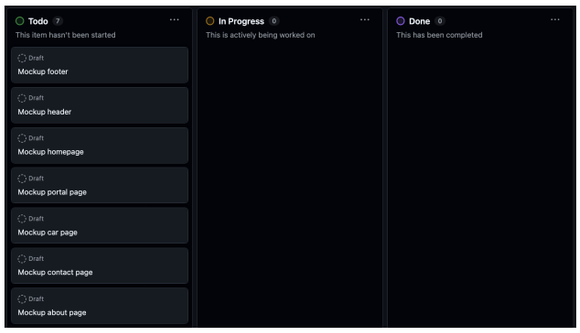

Figure 3: Sprint 2: Start

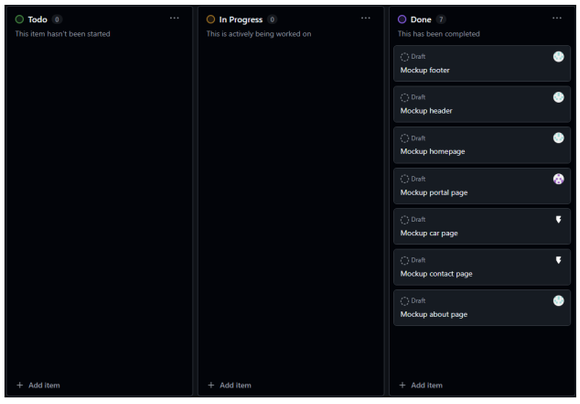

Figure 4: Spring 2: End

3 Sprint 3, week 5

3.1 Planning

For the third sprint we will initialize the react project and start developing our website.

3.2 Task delegation

Tasks this sprint include:

- Initialize react project (Stian)
- Set up routing to different pages (Kristian)
- Implement basic JSX structure for pages (All members)
- Style pages using CSS (All members)

3.3 Retrospective

After the third sprint some tasks are still remaining. Everyone in the group met as expected, but some of these tasks were a bit bigger than expected. The remaining tasks that are in progress will be carried over to the next sprint.

3.4 Issue-board screenshots

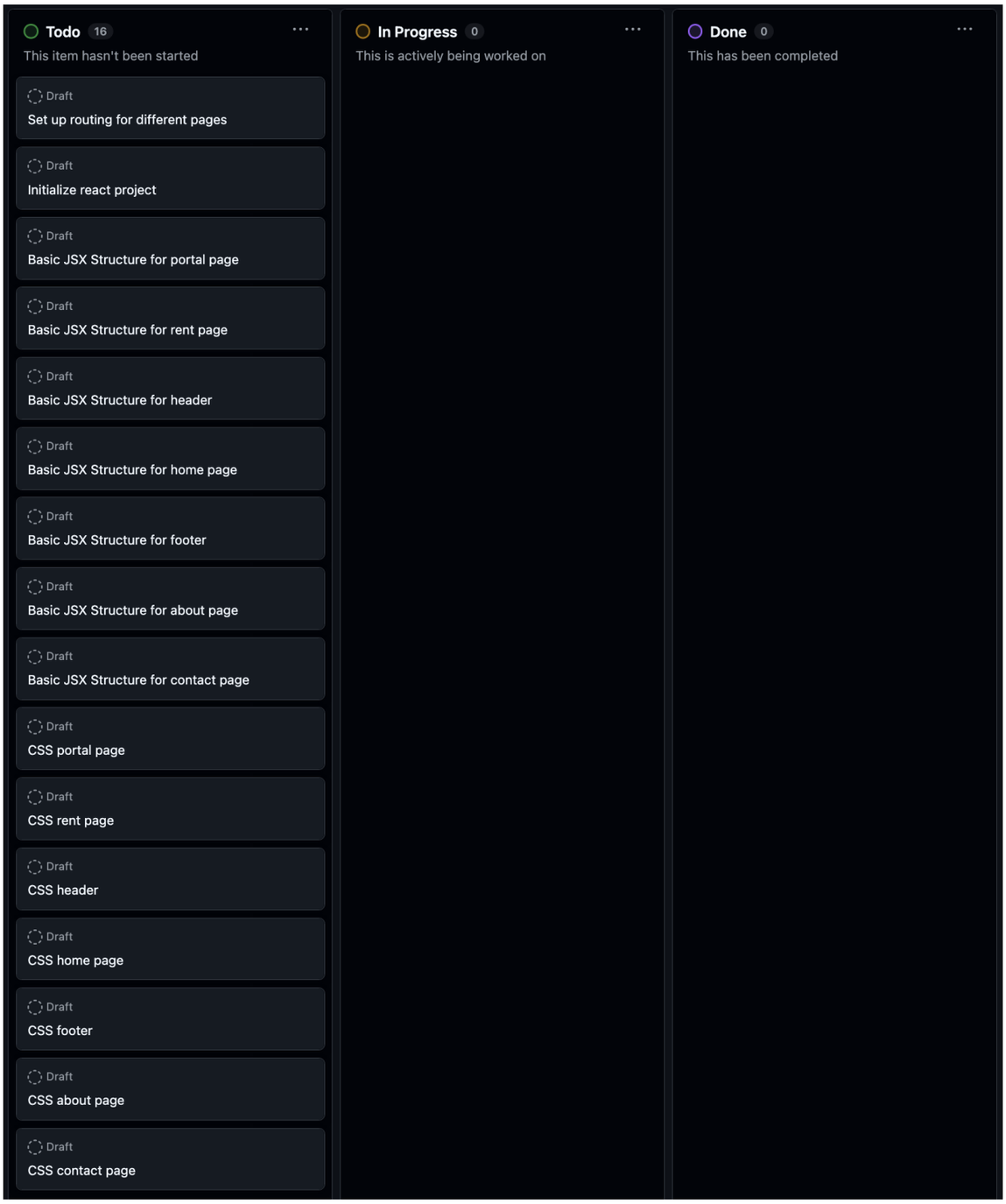

Figure 5: Sprint 3: Start

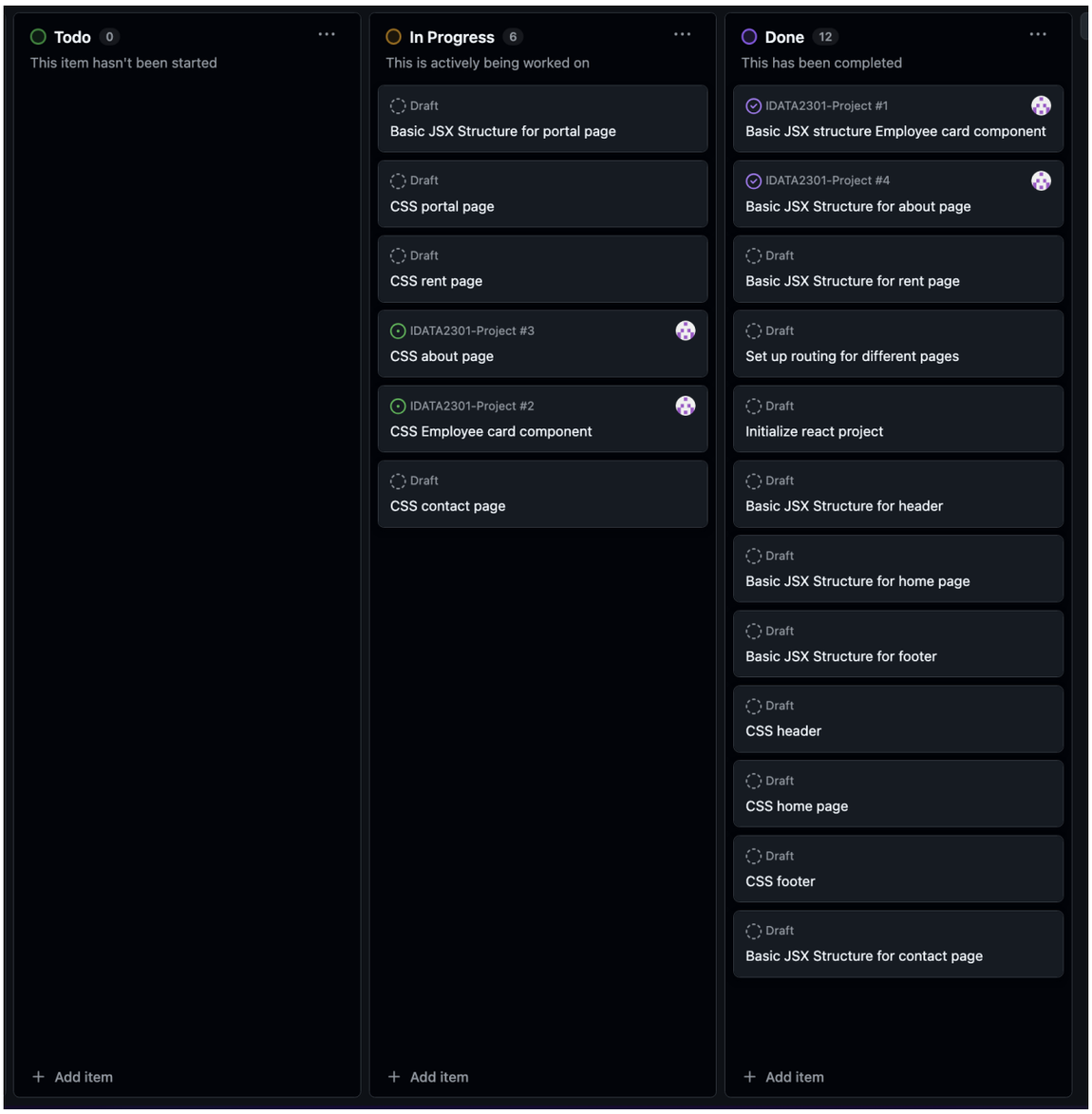

Figure 6: Sprint 3: End

4 Sprint 4, week 6-7

4.1 Planning

This sprint we will focus on completing the remaining tasks from the last sprint, as well as work on the DESIGN.md file.

4.2 Task delegation

Tasks this sprint include:

- JSX Structure for portal page (Kristian)
- CSS portal page (Kristian)
- CSS rent page (Stian)
- CSS about page (Ludvik)
- CSS employee card component (Ludvik)
- CSS contact page (Kristian)
- DESIGN.md (Stian)

4.3 Retrospective

This sprint went mostly according to plan, with only a few tasks remaining. These are added to the backlog and will be focused on in the next sprint. Before this sprint we decided to extend the sprints' length to 2 weeks as one week sprints became redundant. All sprints following will be 2 weeks long.

4.4 Issue-board screenshots

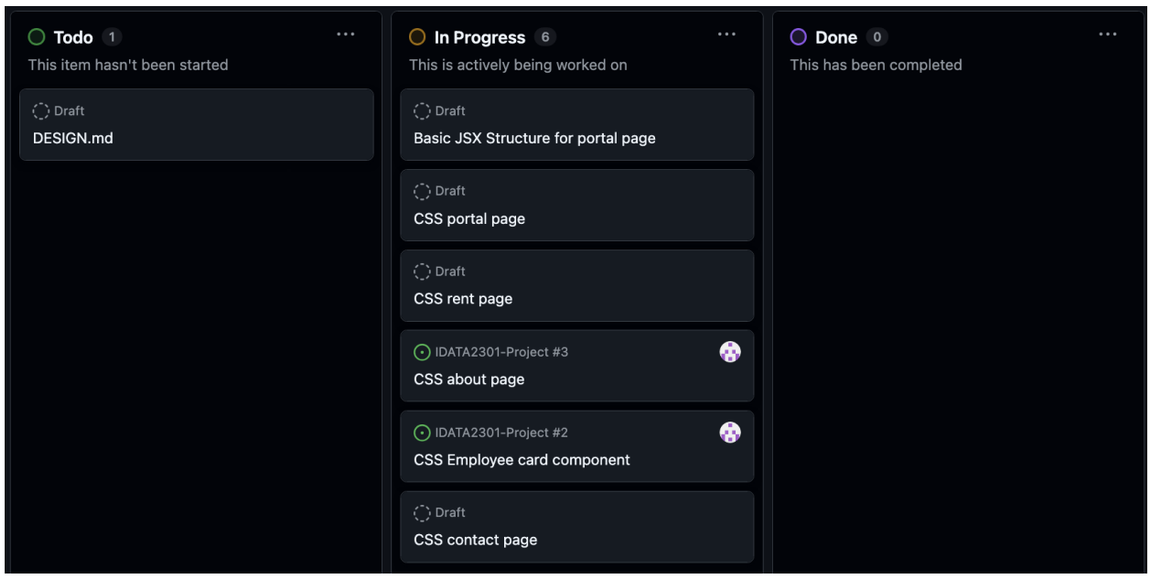

Figure 7: Sprint 4: Start

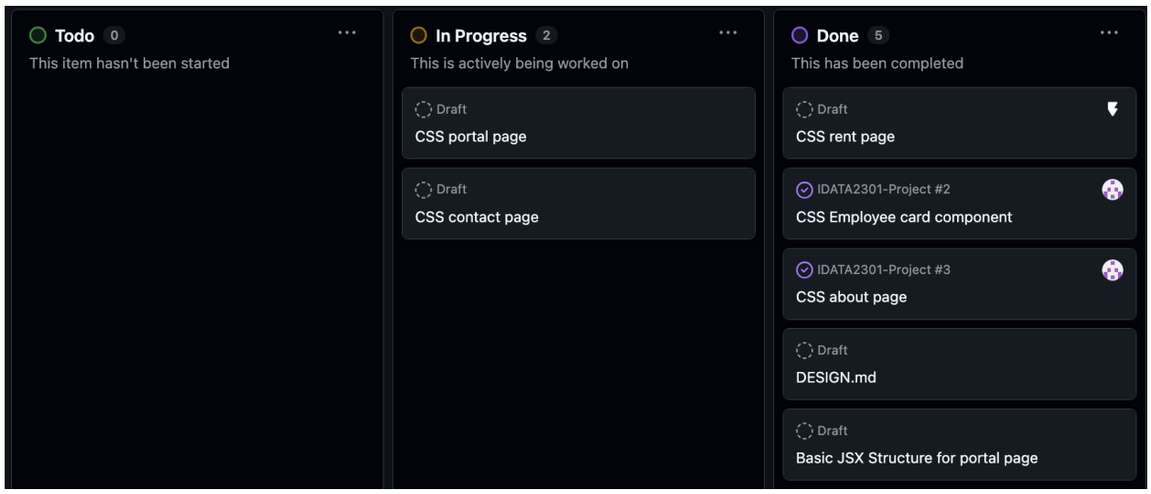

Figure 8: Sprint 4: End

5 Sprint 5, week 8 - 9

5.1 Planning

In this sprint we will focus on updating designs to the new design principles. We will also implement basic communication between the front- and backend.

5.2 Task delegation

Tasks this sprint include:

- Checkpoint 2 preperation (Everyone)
- CarCard component (Kristian)
- Refactoring to make use of CSS style variables (Kristian)
- Update sketch of rent page (Stian)
- Update css of rentpage to reflect new design(Stian)
- Ensure responsiveness of rent page (Stian)
- Implement simple communication with backend (Ludvik)
- Make search bar generate http requests for backend (Ludvik)

5.3 Retrospective

During this sprint we accomplished all the tasks, and we we're happy with the change of moving from 1 to 2 week sprints.

5.4 Issue-board screenshots

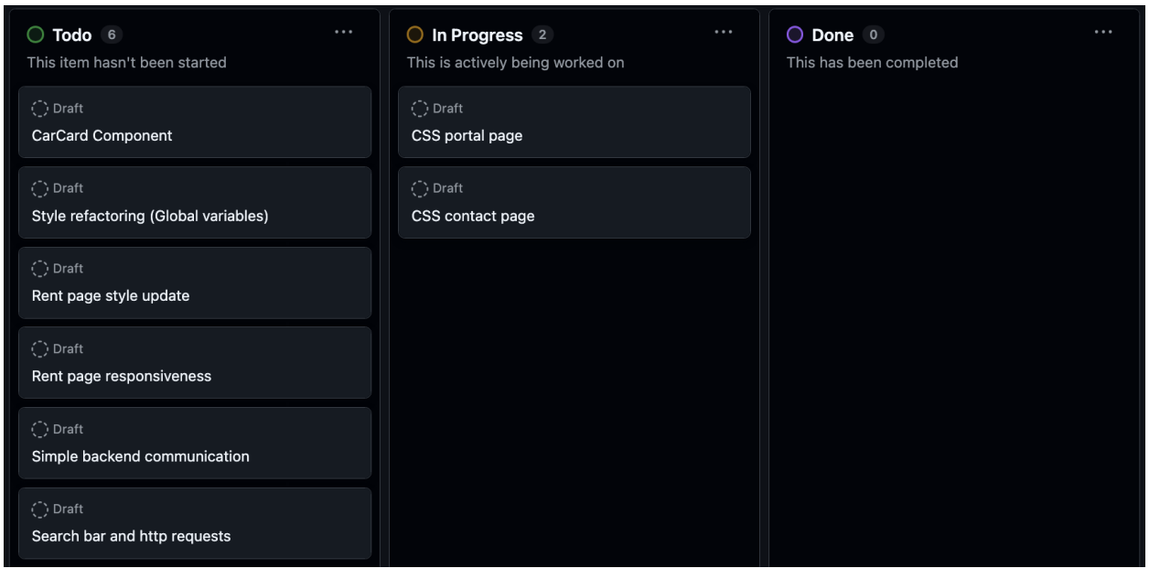

Figure 9: Sprint 5: Start

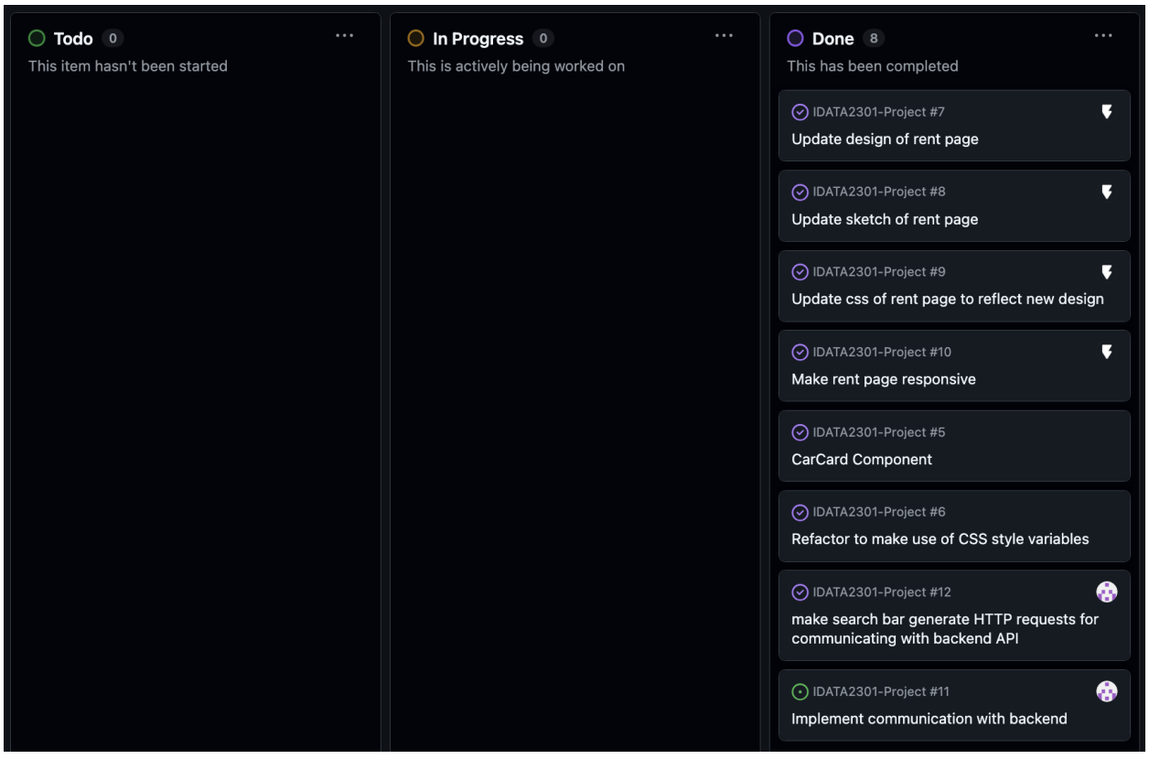

Figure 10: Spring 5: End

6 Sprint 6, week 10-11

6.1 Planning

During this sprint we will focus on taking a step back, refactoring previous work to reflect on feedback from the second checkpoint.

6.2 Task delegation

Tasks this sprint include:

- Update design.md to reflect recent design changes (Ludvik)

- Create sketch for admin dashboard (Stian)
- Create sketch for rent history (Kristian)
- Create sketch for favorites (Kristian)
- Create sketch for user page (Stian)
- Update lander page design (Kristian)
- Create Sketch for company dashboard (Kristian)
- Create design for favoriets (Kristian)
- Create design for user page (Ludvik)
- Create design for rent history (Kristian)
- Mobile design login page (Ludvik)
- Mobile design contact page (Stian)
- Mobile design about page (Ludvik)
- Create design for admin dashboard (Stian)
- Mobile design portal page (Ludvik)

6.3 Retrospective

We managed to complete all the tasks allocated for this sprint. We updated the designs for all pages to reflect new design standards. We also sketched and designed new pages that were overlooked in the first iteration of planning out the application.

6.4 Issue-board screenshots

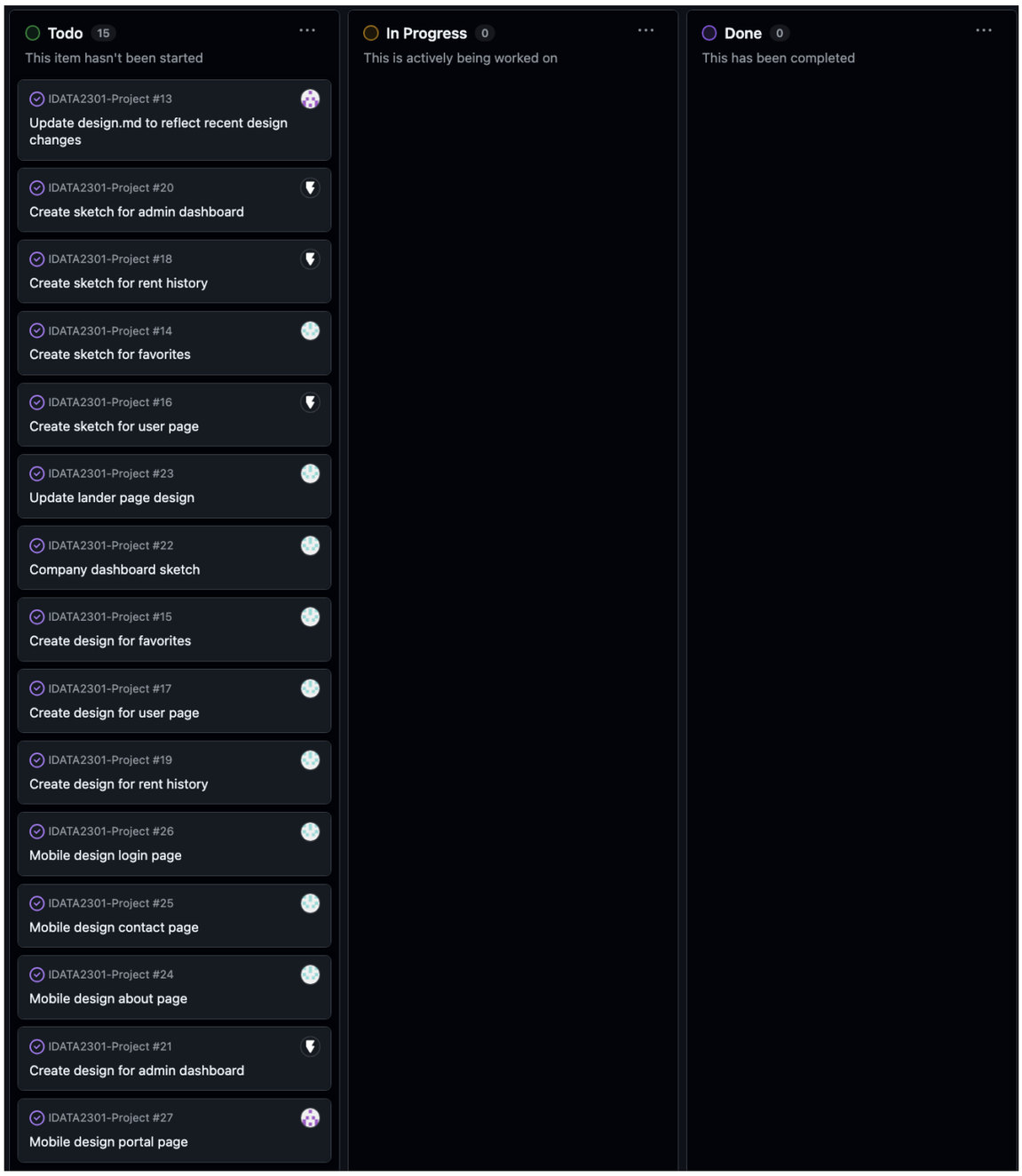

Figure 11: Sprint 6: Start

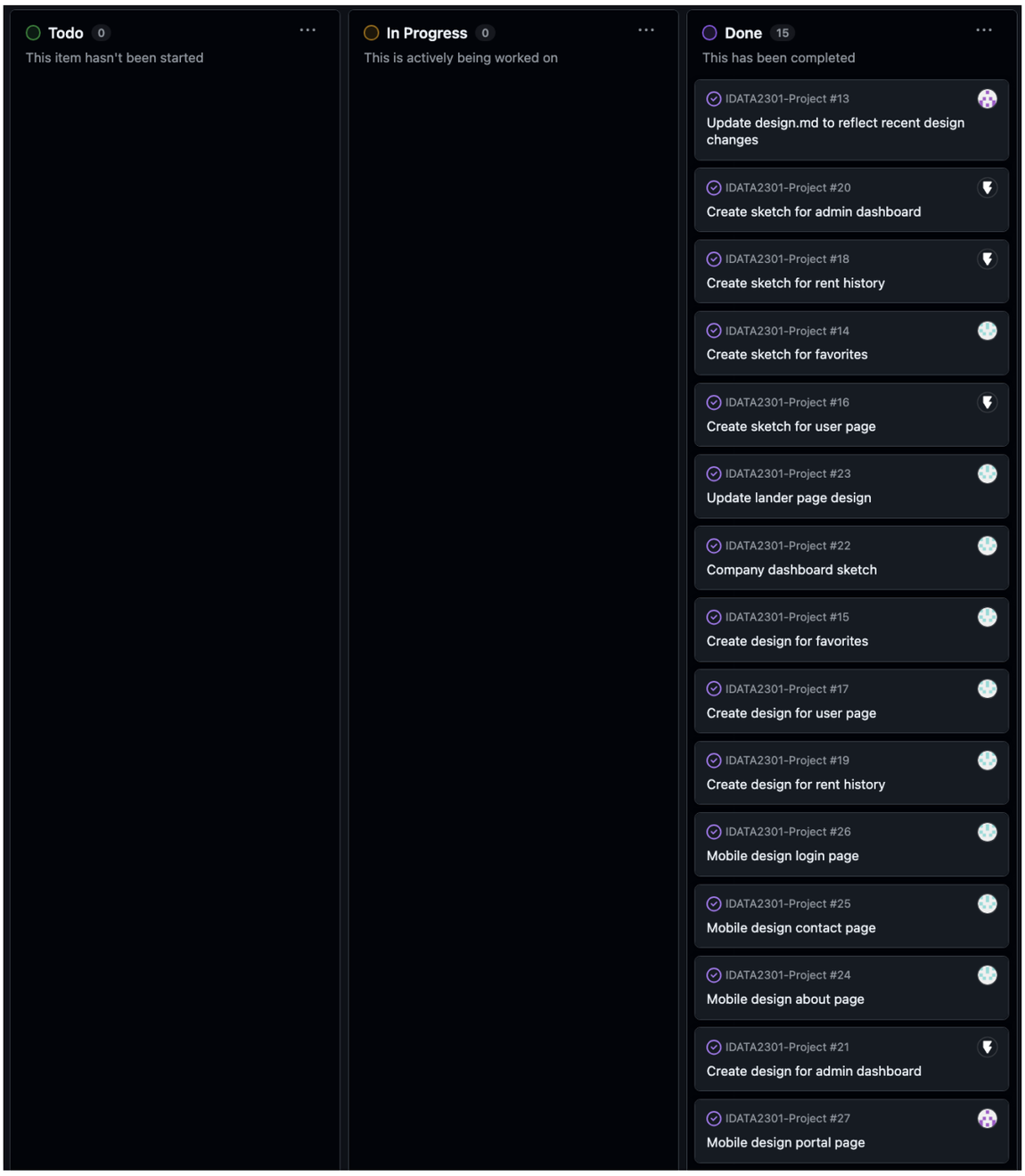

Figure 12: Sprint 6: End

7 Sprint 7, week 12 - 13

7.1 Planning

In this sprint we will focus on implementing most of the remaining static web pages from our wireframes and sketches. The pages will display dummy data, which will be replaced by dynamic data in the future.

7.2 Task delegation

Tasks this sprint include:

- Implement sign up page (Kristian)
- Make car responsive (Kristian)
- Implement button for favouriting cars (Kristian)
- Complete portal page (Ludvik)
- Implement user dashboard (Kristian)
- Implement admin dashboard (Admin dashboard)
- Implement company dashboard (Ludvik)
- Make rent page dynamic (Kristian)
- Styling datepicker (Ludvik)

7.3 Retrospective

The sprint went well. Most of the issues were completed, with almost all of those not completed being nearly done. The group is happy with how the static pages are turning out.

7.4 Issue-board screenshots

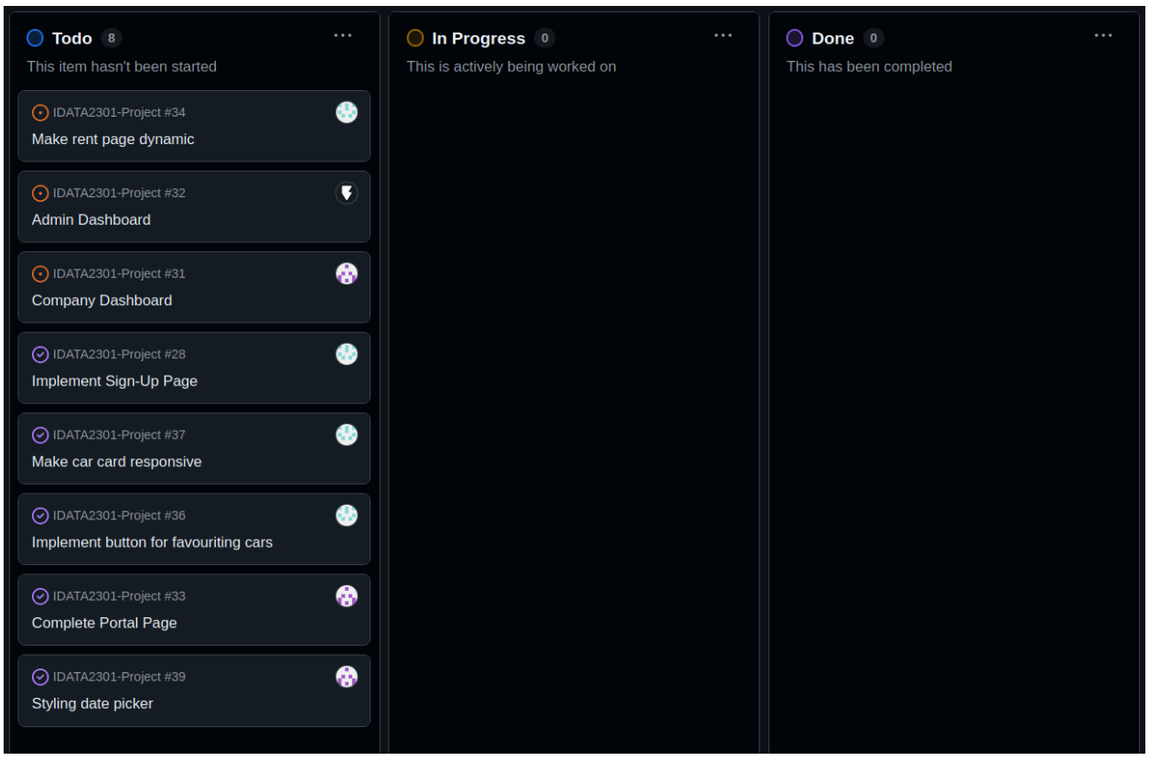

Figure 13: Sprint 7: Start

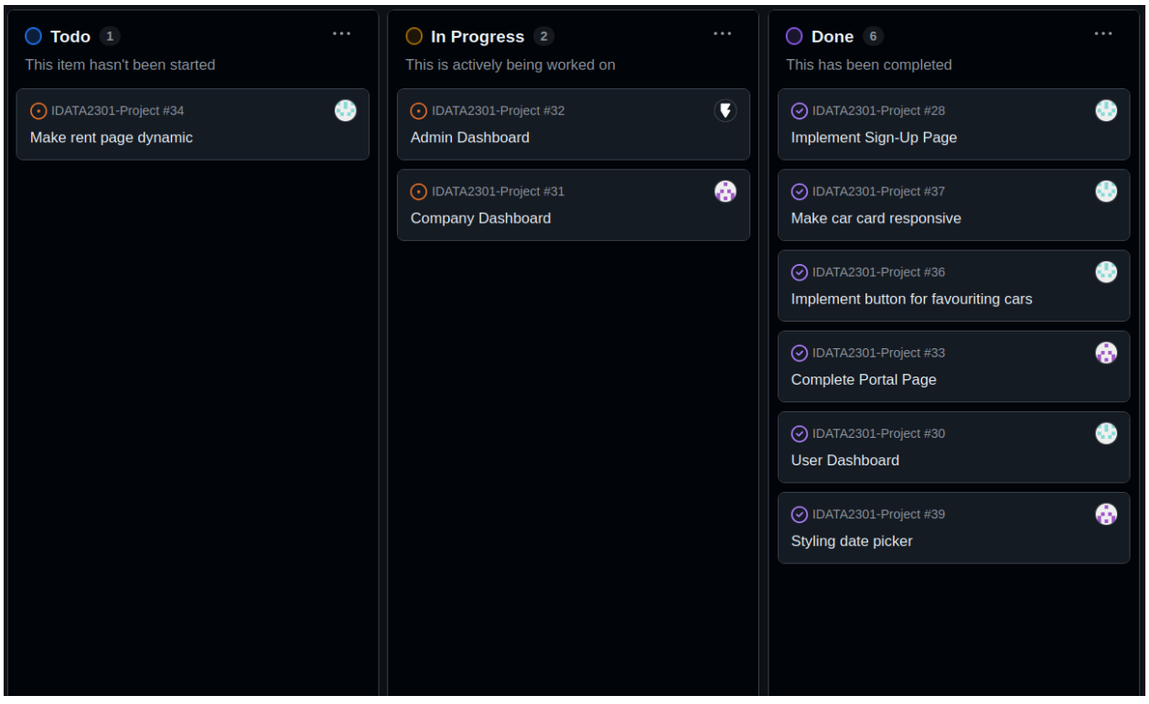

Figure 14: Sprint 7: End

8 Sprint 8, week 14-15

8.1 Planning

In this sprint, we aim to finish virtually all the static pages, with a focus on ensuring responsiveness.

8.2 Task delegation

Tasks this sprint include:

- Make rent page dynamic (Stian, Kristian)
- Dynamic Sign up (Ludvik)
- Dynamic dashboard (Ludvik)
- Implement dynamic (responsive) user data (Stian)
- Implement dynamic (responsive) company data (Stian)
- Implement dynamic (responsive) car data (Ludvik)

8.3 Retrospective

The sprint went as planned, with pages now being responsive. It might need further tweaks in the future, but it satisfies our vision for the MVP in this project.

8.4 Issue-board screenshots

Images weren't taken for this sprint

9 Sprint 9 week 16-17

9.1 Planning

In this sprint we aim to connect up the frontend with the backend.

9.2 Task delegation

Tasks this sprint include:

- Dynamic portal (Ludvik)
- Dynamic sign up (Ludvik)
- Dynamic dashboard (Ludvik)
- More feedback on login (Stian)
- Admin Dashboard (Stian)
- Fetch cars in portal page (Ludvik)
- Implement dynamic user data (Stian)
- Implement dynamic company data (Stian)
- Handle icon mapping on car attribute (Kristian)
- Calculate total price given by the input in DatePickers Rent page (Stian and Kristian)
- Signup (Stian)
- Make rent page dynamic (Stian og Kristian)
- Implement dynamic car data (Ludvik)
- sow user in navbar when signed in (Kristian)

9.3 Retrospective

In this sprint we accomplished all the tasks we set out to do, plus some extra tasks we found along the way. We also found a few tasks that will be completed in the next sprint

9.4 Issue-board screenshots

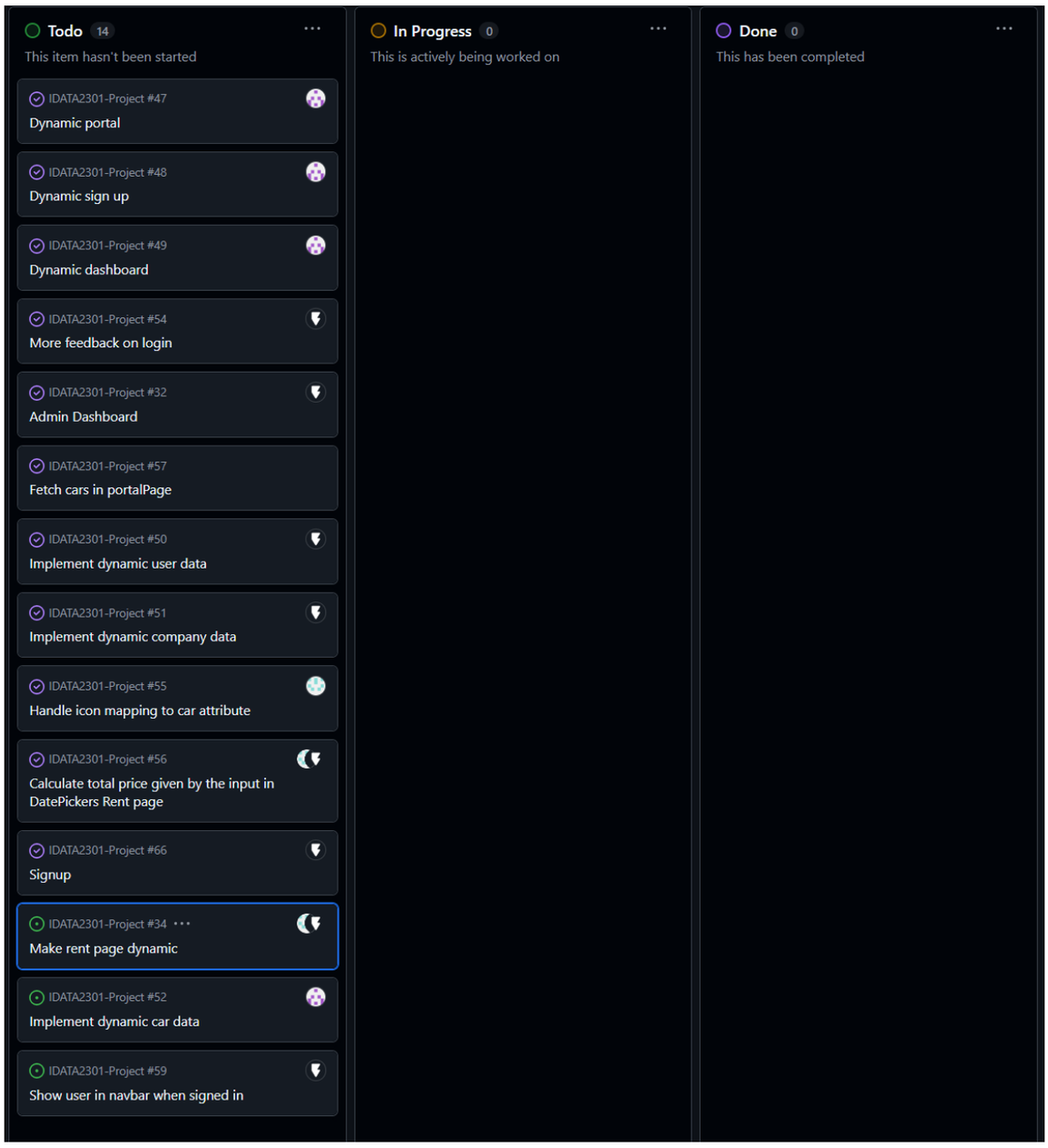

Figure 15: Sprint 9: Start

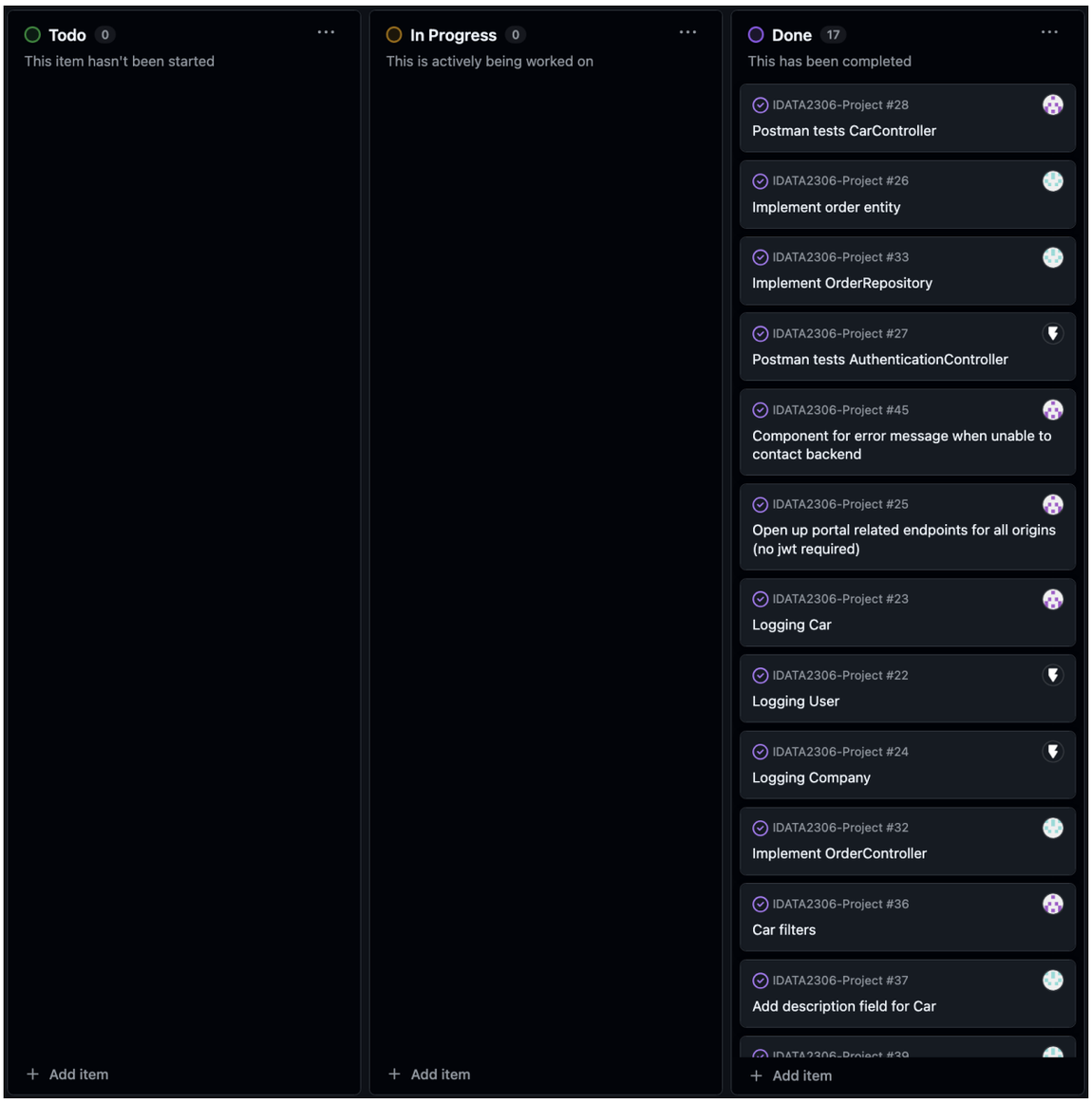

Figure 16: Sprint 9: End

10 Sprint 10 week 18-19

10.1 Planning

In this sprint we plan to do tasks from earlier sprints. Furthermore, we aim to complete smaller features around the application that weren't focused on in the initial development iterations. This sprint contains a lot of issues since there are many small tweaks and additions needed.

10.2 Task delegation

Tasks this sprint include:

- Auto Scroll up on page switch (Ludvik)
- Grey out unavailable dates when renting a car (Ludvik)
- Switch to email for login (Ludvik)
- Use dynamic data in portal (Ludvik)
- Refactor navigation in dashboard (Kristian)
- Show/Hide a car (Kristian)
- Edit company in company dashboard (Kristian)
- Retrieve user companies in dashboard (Kristian)
- Refactor CarCard to use entity class (Kristian)
- Validation of fields in sign-up (Kristian)
- Custom 404 Page (Kristian)

- Validation of JWT (Kristian)
- Go over pages and ensure use of semantic elements (remove bad div usage)
- Add bolding to selected page in dashboard (Kristian)
- Creating default image for cars (Kristian)
- Split dashboard navbar into sections for admin, user and company (Kristian)
- Rent confirmation/order page (Stian)
- Post request on rent pressed (Stian)
- Addons on rent interaction (Stian)
- Day count when selecting days (Stian)
- Adding and removing roles from user (Stian)
- Rent history and active rentals (Stian)
- Submit user edits on admin dashboard (Stian)
- Fix header placement (Stian)
- Validation of inputfields in EditCompanyDialogue
- Rewrite readme (Kristian)

10.3 Retrospective

Sprint went well and we managed to catch up on outstanding tasks, however there was three issues we did not manage to complete and they will be carried over to the following sprint.

10.4 Issue-board screenshots

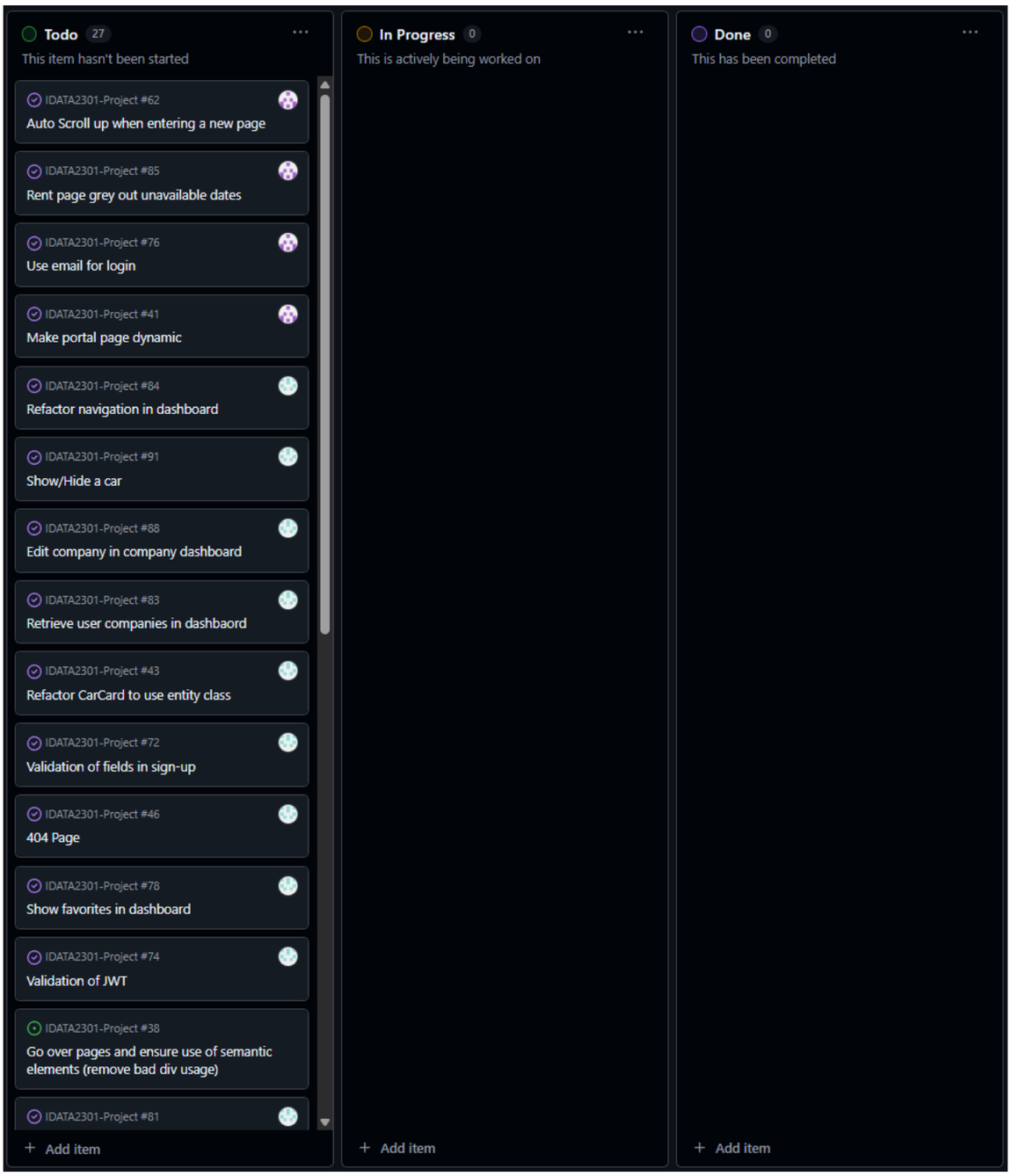

Figure 17: Sprint 10: Start page 1

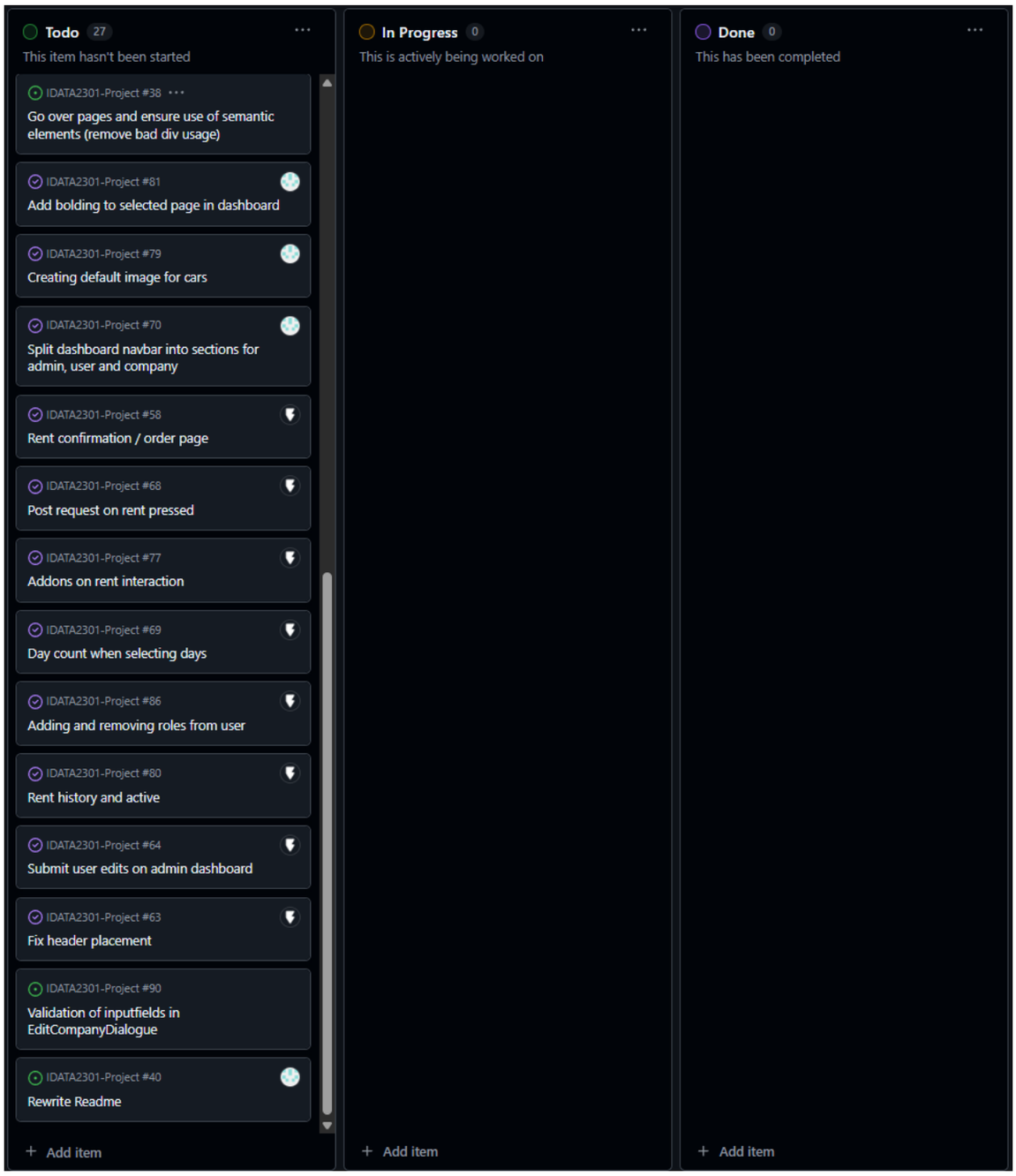

Figure 18: Sprint 10: Start page 2

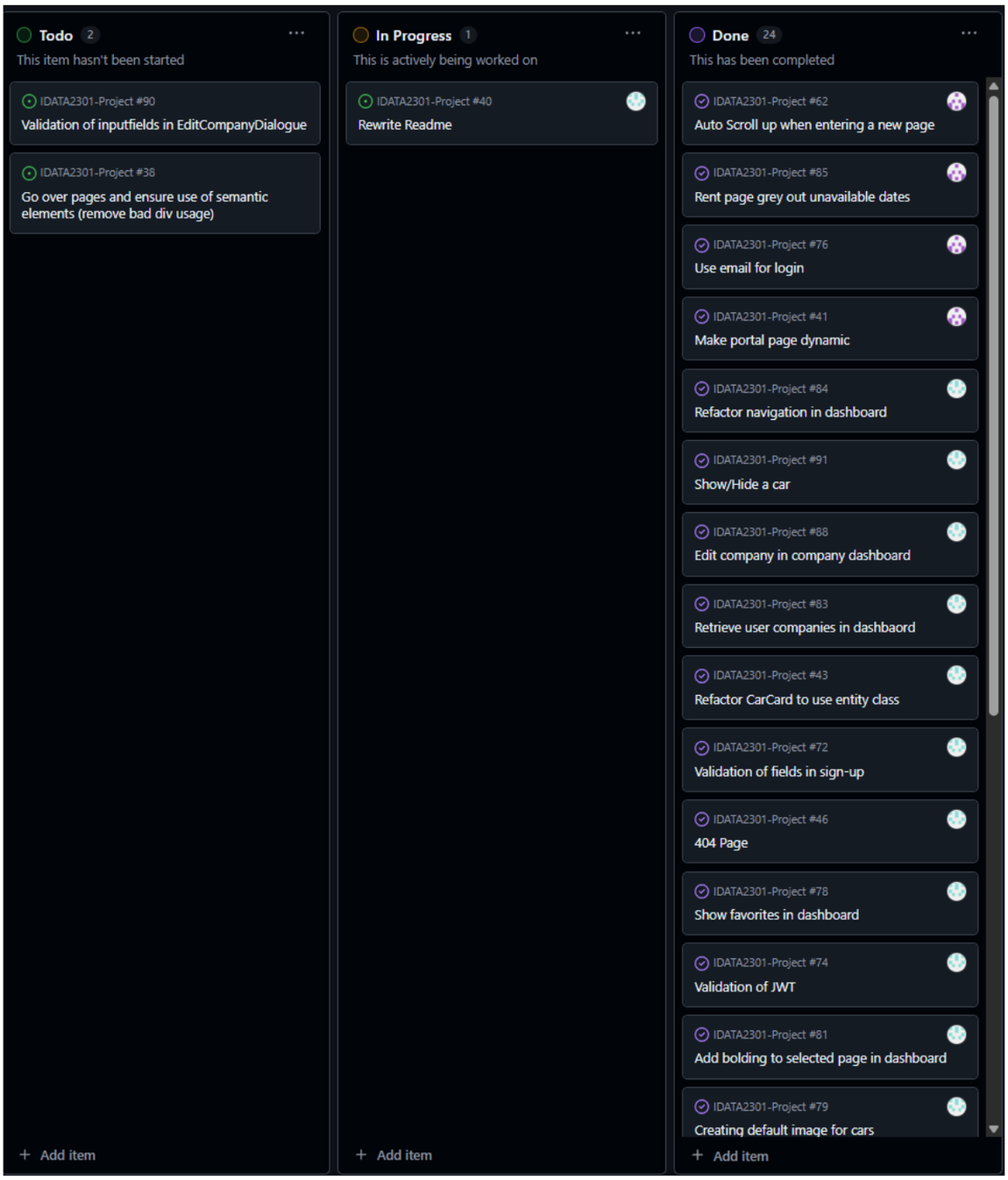

Figure 19: Sprint 10: End page 1

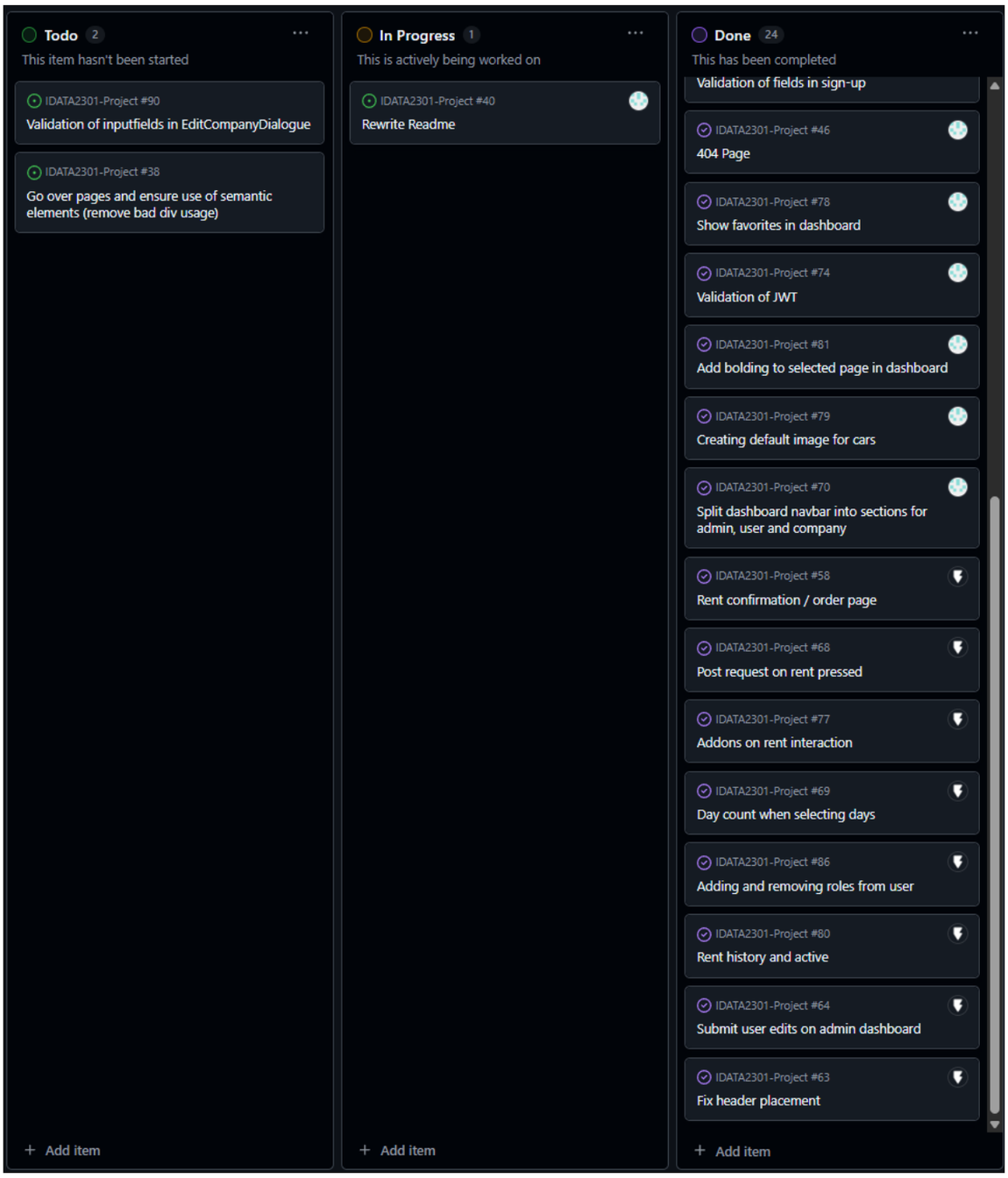

Figure 20: Sprint 10: End page 2

11 Sprint 11 week 20-21

11.1 Planning

In this sprint we plan to finish the project. This includes checking over all functionality, making sure the documentation is in place and creating a video for the project

11.2 Task delegation

Tasks this sprint include:

- Create a video (All members)
- Validation of inputfields in EditCompanyDialouge
- Go over pages and ensure use of semantic elements
- Handle toke expiration
- Redirect to login if user tries to access dashboard and is not logged in
- Fetch company for rent page instead of getting it through car
- Further improvements on read me
- Edit company in admin dashbaord

- Prevent users from editing their own roles

11.3 Retrospective

The last sprint went well and we accomplished all tasks.

11.4 Issue-board screenshots

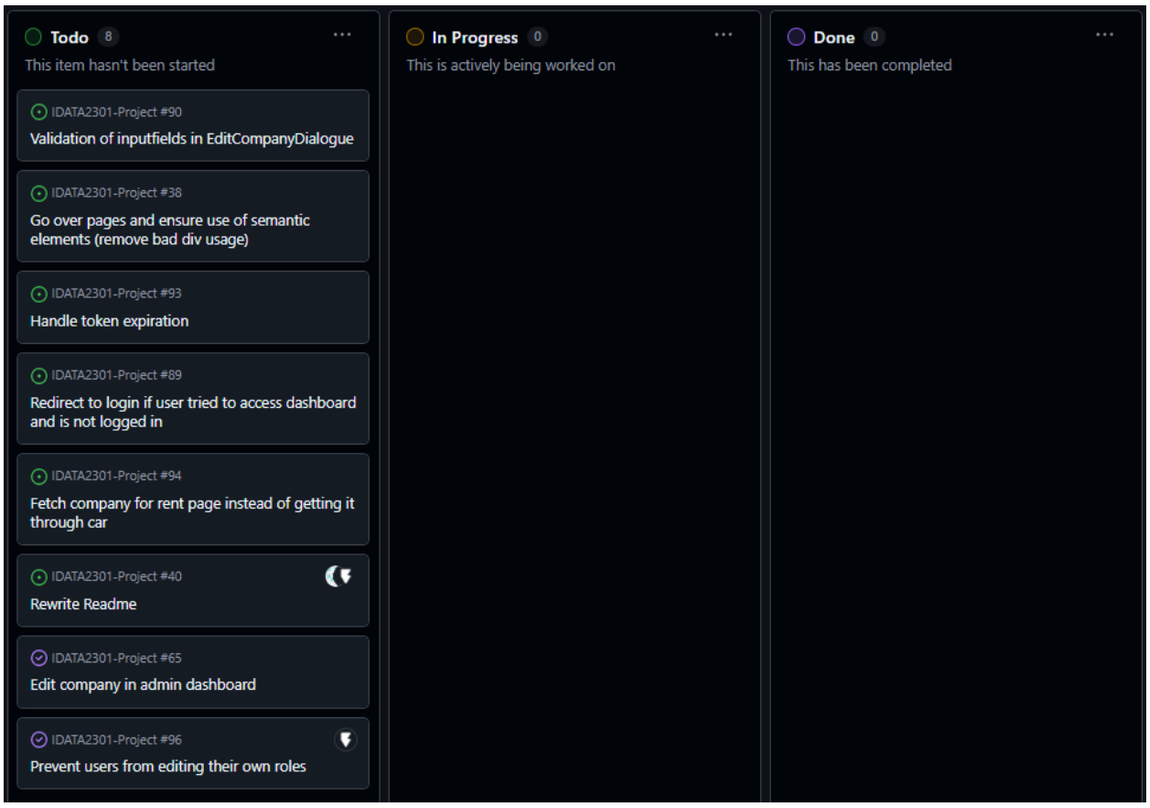

Figure 21: Sprint 11: Start

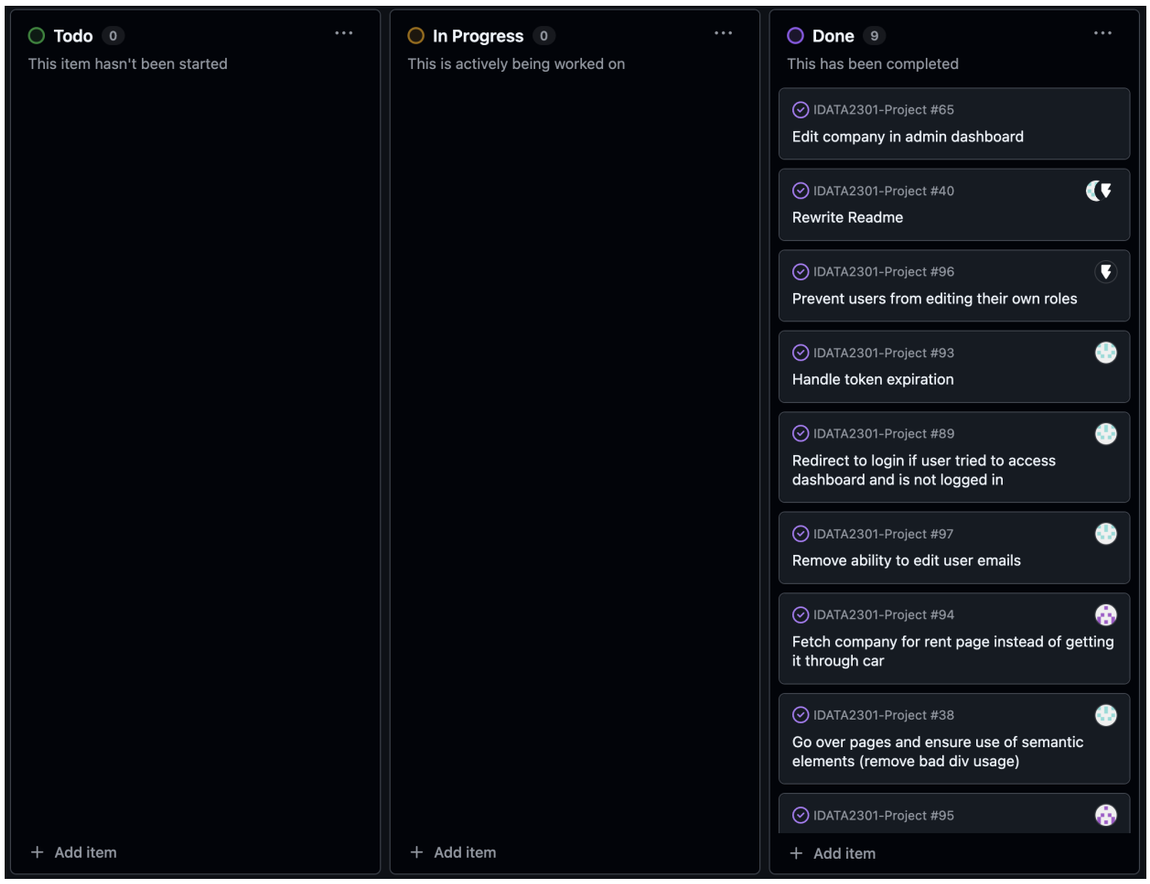

Figure 22: Sprint 11: End