

Milestone 5

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CST-391

Challenges During Project

- React Router navigation needed adjustments when moving between list, edit, and detail views
- Ensuring form inputs correctly reflected updates and resets after submissions took tuning
- Aligning the React front-end design with the earlier Angular aesthetic required CSS refactoring and cleanup

Pending Bugs/Issues

- Minor layout inconsistencies when the window is very wide (cards and forms occasionally stretch or misalign)
- Some small formatting issues remain in the edit and create form margins
- Search functionality filters by name and category but may not update immediately if API data changes before refresh

Lessons Learned

- Breaking the UI into small, reusable components made debugging and layout adjustments much more efficient
- Properly structuring CSS variables and shared themes helps maintain consistency across multiple components and pages
- Using React Router made navigation straightforward once the component structure was created

Conclusion

- This milestone focused on building the React front-end to consume the REST APIs created earlier in the backend. It teaches core skills in component design, state management, and API integration.