

## ECS 193AB Winter/Spring2017

### Reserve Application Management System (RAMS)

The Reserve Application Management System (<http://rams.ucnrs.org/>) is a web-based platform for managing research, teaching, and other use at reserves in the Natural Reserve System (<http://www.ucnrs.org/>). It handles applications and reservations, including housing, vehicles, and staff-time requests. It tracks user information and provides reporting of types of use and users. It includes a calendar of activities and it manages billing. However, the platform is a dated and users find it cumbersome. It is in need of a face lift and there are concerns over the sustainability of the backend.

Students would be asked to do an assessment of the system and provide suggestions for upgrades, minor or major overhauls at three levels. Students would examine the user interface, the manager interface, and the backend database.

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