Milestones:

Login Page: Should allow a user to log in securely using a user name and password and allow a request for a new account. This should create a prompt for an admin to grant the user an account.

Admin Page: UI for Admin to manage users on database admin should be able to remove users and grant accounts to new users that submitted a request.

Object List UI: Should display List of current objects held on database and provides user access to drill in to a specific object and edit it.

Object Editor UI: UI should allow editor to view data from the database and add elements to an object or delete objects. All changes should be submitted via "Save" button, UI should be intuitive and make clear to the user what range of values are expected (User is able to easily create multiple elements for 1:M relationships, elements that are required are denoted as such, elements that expect numbers do not take strings as input).

Back-End Query API: Back-End should be capable of making queries to the MongoDB database to make changes submitted by the user and to fetch the data stored on the database to display. Should also return errors that are displayed to the user if the user tries to submit values that are not valid with the database.

XML producer: Code that produces an XML representation of the MongoDB database, this XML will be used by XSLT to produce the layout for the systems Object List UI and Object Editor UI.

XSLT for web page generation: There should be XSLT created for dynamic generation of Object List page and Object Editor Page. Will take XML produced from MongoDB as input and create html as an output.

Server for hosting Database and Web App: Get server running for hosting Web App and Database, might also have to think about hosting these components on different servers to ensure they work in all environments.

MongoDB sample database: Database should be created to sample against when testing Web App. Database should hold many different relationships (1:1, 1:M, M:M) and many different data types (numbers, strings, html fragments) to ensure that testing can fully encompass the desires of the app.

Timeline/ Effort Matrix:

Research: Task_List objects 1-3	Should be finished by Oct. 8th	5 hours
MongoDB sample Database	Should be finished by Oct. 15th	5 hours
Object Editor UI (7 from task list)	Should be finished by Oct. 22nd	7 hours
Server for hosting db and web app	Should be finished by Oct. 29th	7 hours
Back-End Query API (Task 9/10)	Should be functional by Nov.12th	14 hours
Object List UI (Task 6/8)	Should be finished by Nov. 19th	6 hours
XML Producer	Should be finished by Dec 3rd	14 hours
XSLT for page generation	Should be finished by Dec 10th	6 hours
Login Page (Tasks 4/5)	Should be finished by Dec 17th	7 hours
Admin Page	Should be finished by Jan. 14th	10 hours
Winter Break		:)
Make Updates to styling	Should be Finished by Jan 14th	10 hours
Debug Backend	Should be finished by April 10th	35 hours