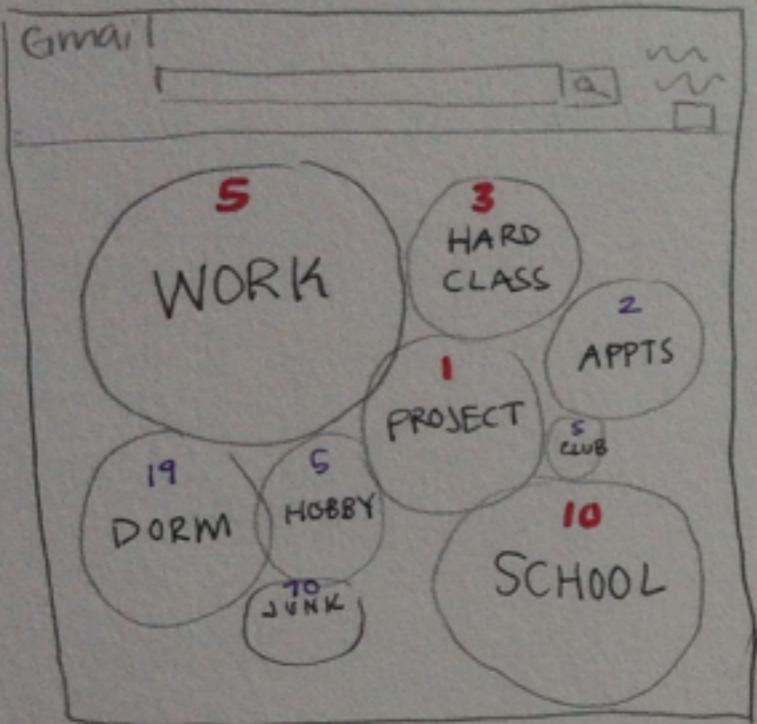


Email as Nested Dynamic Trees

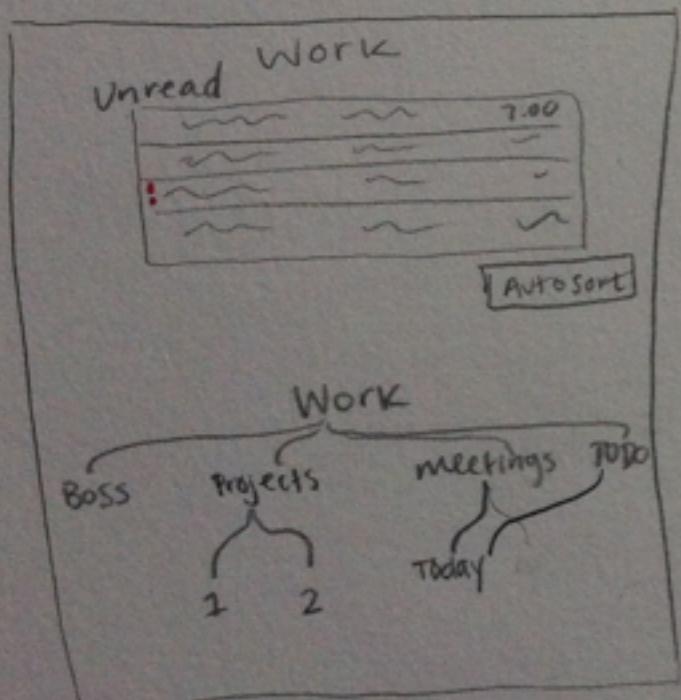
Joanie Hollberg

This hierachal structure takes emails and sorts them into various dynamic trees based on both the content of the email as well as tags designated by the sender of the email. Users email home screen will consist of the top level categories they choose for their email (i.e. work, school, junk, etc.). These categories will appear on the home screen with size representing the importance of the category. Nested inside these top level categories are dynamic trees that will hide and reveal more parents/children when clicked on. New emails will appear both inside this tree and within a “new emails” section. Depending on the tags within the email, the email may appear in multiple trees under different categories (i.e. an email regarding an assignment may appear within “CS194H” as well as under “To Do”). Specialize labels would automatically be matched to functional meaning. For example, the tag “Important” or “ASAP” would automatically flag the email as urgent, changing the color of the email and adding an icon to indicate it is urgent.



Features

- Bubbles of chosen categories on home screen
- Size of bubbles corresponds to user designated importance
- Numbers in bubbles to indicate quantity of new messages
- red indicates urgency of one or more emails within category

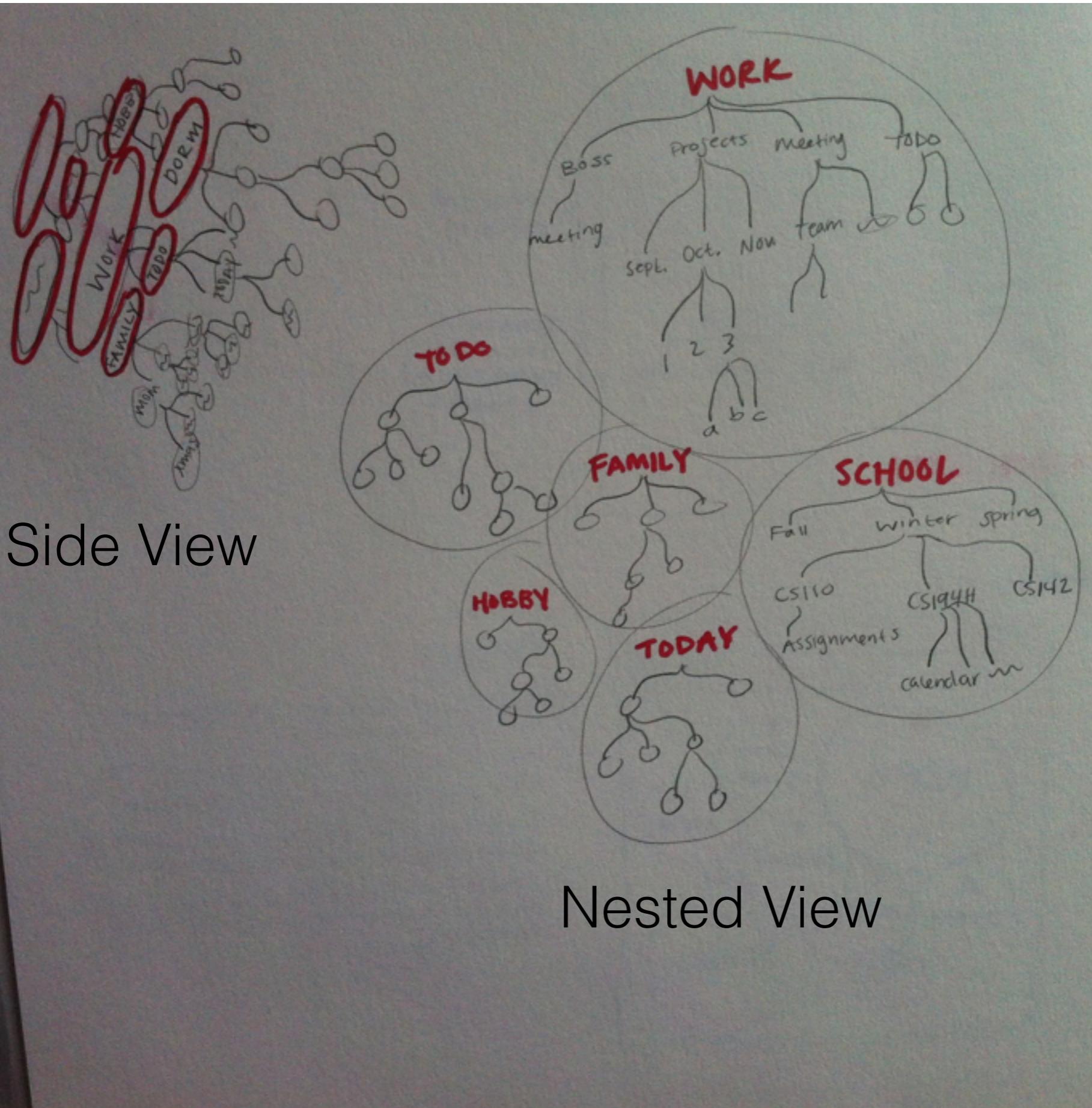


Features

- AUTOSORT automatically places emails into tree based on content and tags
- can manually sort by dragging and dropping email into tree
- tree integrates email, todo lists, and reminders
- clicking on option in tree makes it expand

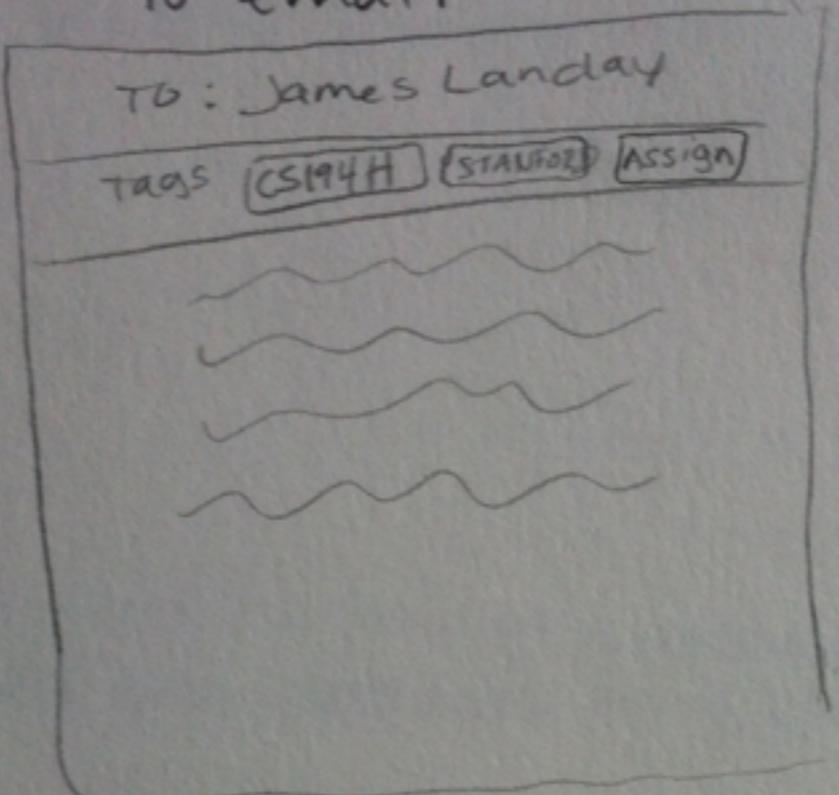
View of home screen

View of dynamic tree inside work category

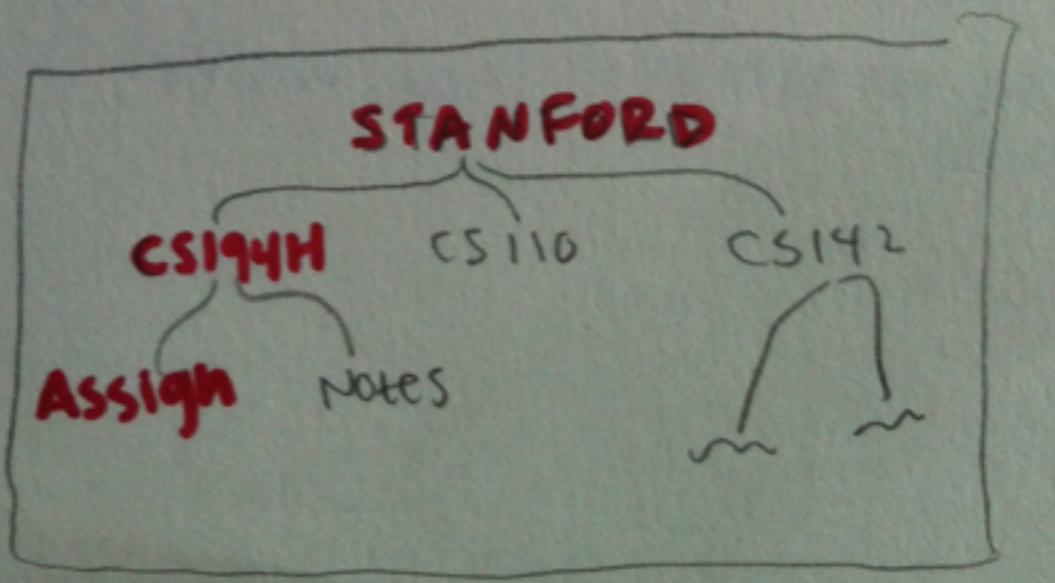


Conceptual drawings of data structure

① Sender adds tags to email



② Recipient sees email in tree locations based on tags

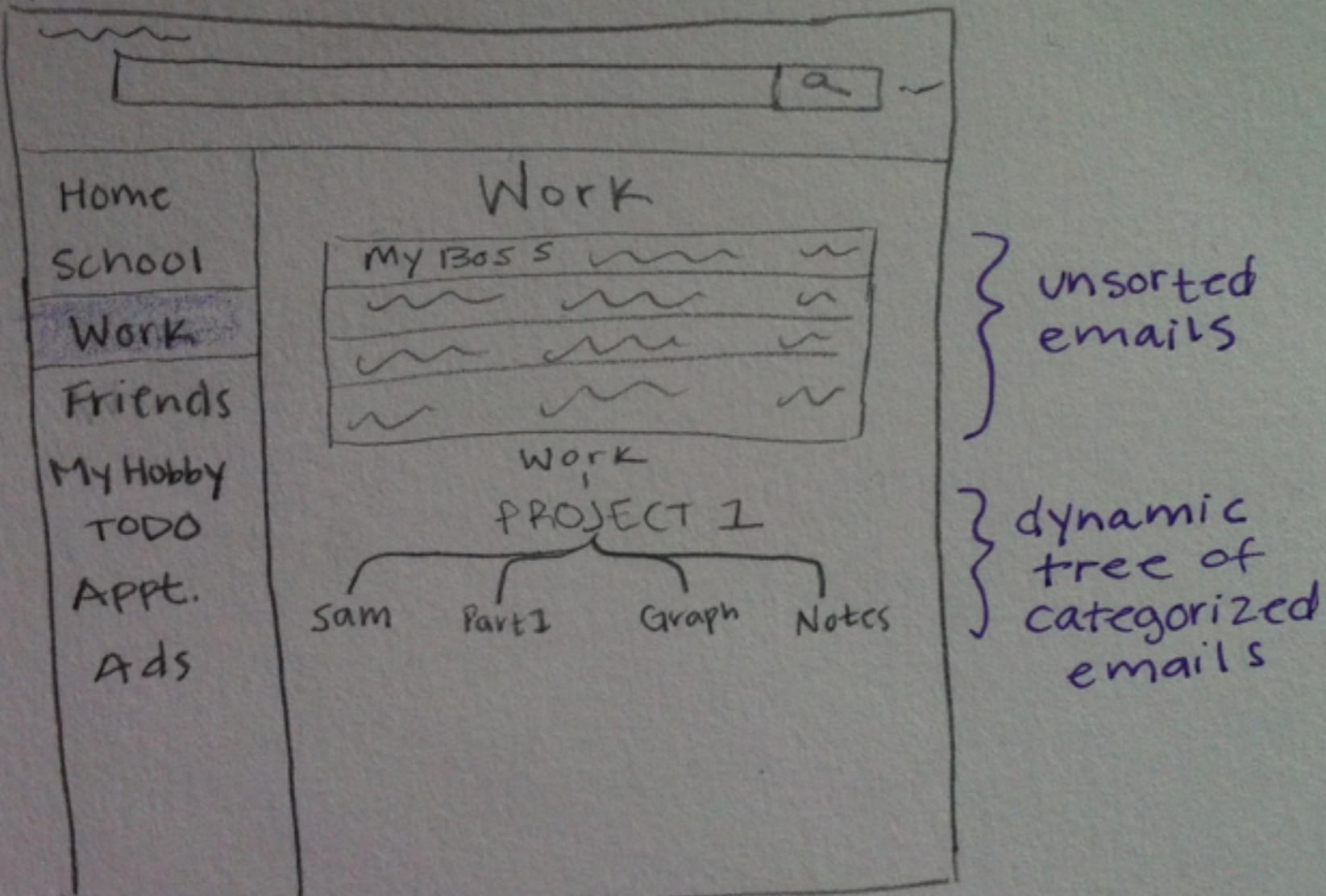


Sending an Email and Attaching Tags

Receiving an Email within a Tree

NESTED HOME VIEW

OPTION 1:



Alternative Home View: List on Side