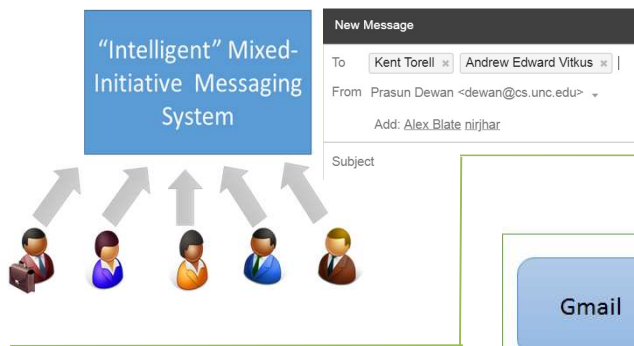


Extending the Gmail User-Interface to Leverage Prediction of Response Times and Hierarchical Recipients



Background

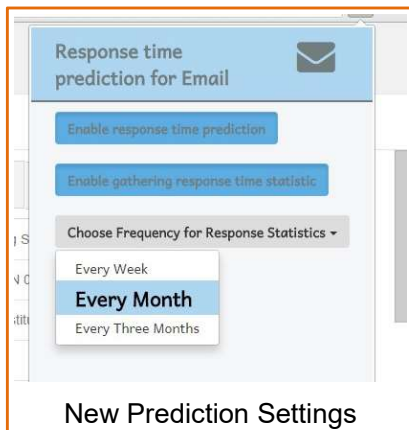
Gmail's prediction of a flat recipient list makes it a mixed-initiative messaging system in which users collaborate with each through a system making "intelligent" inferences about the actions of others

Architecture: UI-Algorithm Separation

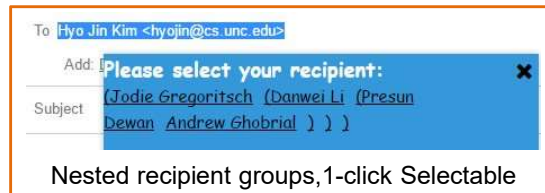


This idea can be extended by predicting response times and hierarchical recipient lists using an architecture in which Chrome extensions extend the Gmail user-interface and a back-end server makes predictions based on training data.

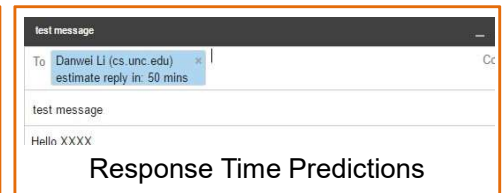
New and Extended Gmail Views



New Prediction Settings

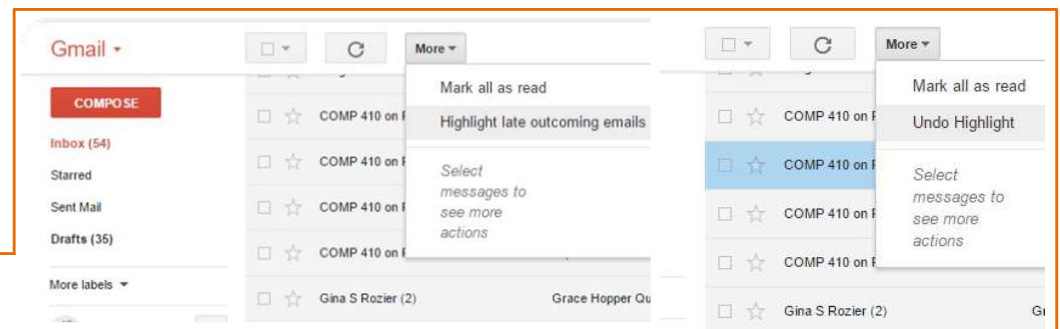


Nested recipient groups, 1-click Selectable

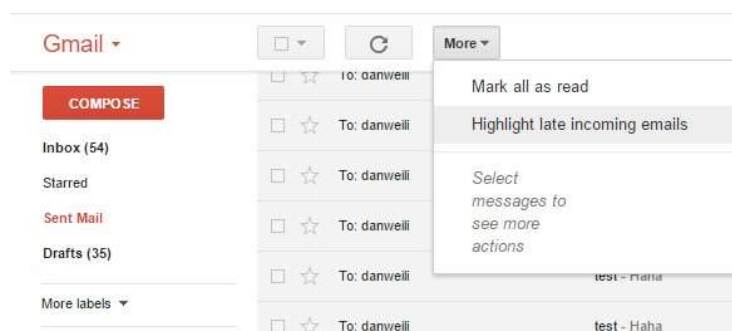


Response Time Predictions

Folder-specific commands (un) highlight late outgoing mails



Folder-specific dual commands (un) highlight late incoming mails



Feedback?

Usefulness of these user-interfaces?
New ways to use the two forms of predictions?
Tolerance to errors in these predictions?

New option select late incoming and outgoing messages so they can be manipulated in batch

