

# Iteration Plan

Category	Feature	Task	People	Timeframe
Architecture	Front-end architecture	Implement MVC framework	Kent/Jeff	2-4 hours
		Implement templating framework	Kent/Jeff	2-3 hours
		Implement client-side integration test protocol	Kent/Jeff	2-4 hours
		Implement client-side library for working with DOM	Kent/Jeff	1-2 hours
		Construct overall framework for loading sub-pages in single containing primary page	Kent/Jeff/Stephen	3-6 hours
	Back-end architecture	Implement generalized JSON response structure	Evan	1-2 hours
		Implement server-side unit test framework	Evan	2-3 hours
		Integrate performance testing support into unit tests	Evan/Michael	3-4 hours
Memos	Display new memo	Implement memo pane UI	Michael	3-4 hours
		Track read status of memo	Jeff	2-3 hours
		Notify user of newly posted memo	Evan	1-2 hours
		Allow user to comment on memo	Stephen	4-6 hours
	Display memo archive	List all posted memos	Michael	2-3 hours
		Paginate memo list	Michael	1-2 hours
		Allow user to comment on memos	Stephen	1-2 hours
	Allow admin to post new memo	Implement admin memo-posting UI	Kent/Michael/Stephen	2-3 hours
Discussions	Create new discussion	Implement backend memo store	Evan	1-2 hours
		Implement UI to enter topic and initial post	Stephen	4-5 hours
	List discussions	Implement backend to write discussion to data store	Evan	1-2 hours
		List all discussions	Stephen	2-3 hours
		List all posts in given discussion	Jeff	2-4 hours
		Paginate posts in given discussion	Jeff	1-2 hours
		Sort discussions by last post time	Stephen	1-2 hours
		Sort discussions by popularity	Stephen	3-5 hours
		Track read status of discussions	Michael	2-3 hours
	Manipulate discussions	Post reply to existing discussion	Stephen	2-3 hours
		Allow user to edit/delete own post	Kent	0.5-1 hours
		Allow admin to edit/delete any post	Kent	0.5-1 hours
		Allow admin to delete whole discussion	Kent	0.5-1 hours
	Tag discussions	Allow discussion poster to add one or more tags to discussion	Michael	3-4 hours
		Allow discussion poster to edit tags associated with discussion	Michael	0.5-1 hours
		Allow admin to edit tags associated with any discussion	Michael	0.5-1 hours
		Allow user to display only discussions bearing certain tag	Evan	1-2 hours
		Display all tags used in system in separate tag section	Evan	2-4 hours
Implement session-handling support		Evan	3-5 hours	
Authentication	Log in and log out	Authenticate user via name and password	Evan	1-2 hours
		Log out by destroying current session	Evan	0.5-1 hours
		Implement anti-brute-force attack prevention	Michael	5-7 hours
		Create new user account	Kent	3-4 hours
Admin	Manipulate user accounts	Lock existing user account	Michael	1-2 hours
		Change user's password	Jeff	1-2 hours
Total				74-122 hours