Project Plan

Functionality

<u>PoC</u>

- Template Content Editor Interface (TCE Interface)
  - Blank
  - Dropdown
  - Optional
  - Tags
- Rich Text Editor Interface (RTE Interface)
  - Link (for context)
- Location/Tag/Author Search Interface (LTA Search Interface)
  - Location filter - Name (direct match)
  - Tags filter
  - Author filter
  - Order - date created, alphabetical, closest location
- Authentication
  - Really basic version (user/pass with session, no cookie => logout on refresh)
- Frontend / Main Pages
  - Home Page
  - Log in / Sign Up
  - Template editor (user)
  - Template editor (creator)
  - User Profile
    - view drafts, published
- Backend
  - REST API
  - Account creation
  - Template saving/publishing
  - Database data models
- Deployment (CI/CD)

<u>MVP</u>

- Cleanup (validation, error prevention, sanitization, debug any API endpoints as needed)
- Search Interface
  - Filter suggestions, Disable filters, more inclusive search
- Authentication - fix authentication (cookies so you don't logout on refresh)
- Delete, duplicate, share, unpublish, bookmark templates
- Template use/edit pages - refactor/debug
- Moderation
  - Reporting templates
  - Admin portal

- - Deleting templates, banning users
  - User settings
    - Editing usernames, emails, passwords

Finished Product

- - Comments
    - Comment interface below templates
    - Comment moderation
  - Template insights
    - # of views
    - # of emails sent
    - # of copies made
  - Location refactor
  - Recipient Bundles
  - Draft refactor
    - gray card
    - timestamp
  - State differentiation refactor??
    - title
  - Search frontend refactor??

Implementation and other tasks

TG: Tess, JW: Jonathan, SY: Steph, SC: Sabina
High Priority, Middle Priority, Low Priority

Task	Type	Deadline (EOD)	Milestone	Assignee	Done
Database Models	backend	Mon, Nov 16	PoC	TG	Yes
CI/CD Setup	workflow	Mon, Nov 16	PoC	JW	Yes
RTE Interface	frontend	Tue, Nov 17	PoC	SY	Yes
TCE Interface	frontend	Tue, Nov 17	PoC	JW	Yes
API Endpoints	backend	Tue, Nov 17	PoC	TG	Yes
Login/signup	frontend	Wed, Nov 18	PoC	SC	Yes
Login/signup	backend	Wed, Nov 18	PoC	SC	Yes
Homepage	frontend	Wed, Nov 18	PoC	SC	Yes
LTAS Interface	frontend	Wed, Nov 18	PoC	TG	Yes
LTAS Interface	backend	Wed, Nov 18	PoC	TG	Yes

User Profile	frontend	Wed, Nov 18	PoC	SC	Yes
Use template (mailto)	frontend	Wed, Nov 18	PoC	SY	Yes
Template editing page	frontend	Thu, Nov 19	PoC	SY	Yes
PoC integ./testing	workflow	Thu, Nov 19	PoC	all	Yes
Auth Refactor (hashing)	backend	Sun, Nov 29	MVP	TG	Yes
Auth Refactor (cookies)	middle / frontend	Sun, Nov 29	MVP	SC	Yes
Update db_config	workflow	Sun, Nov 29	MVP	JW	Yes
Polish UI (layout, input validation, error prevention, tooltips)	frontend	Sun, Nov 29	MVP	SY, SC	Yes
Template deletion, duplication	backend	Sun, Nov 29	MVP	TG	Yes
Template deletion, duplication (based off), sharing link	frontend	Sun, Nov 29	MVP	SC	Yes
Moderation (admin list, reporting)	backend	Sun, Nov 29	MVP	TG	Yes
Moderation (reporting/filtering)	frontend	Sun, Nov 29	MVP	SY, SC	Yes
Admin portal	frontend	Sun, Nov 29	MVP	JW, SC	Yes
User settings (confirm password, delete account)	backend	Sun, Nov 29	MVP	TG	Yes
User settings (confirm password, delete account)	frontend	Sun, Nov 29	MVP	SC	Yes
Login (forgot passwd)	frontend	Sun, Nov 29	MVP	SC	Yes
Bookmarks	backend	Sun, Nov 29	MVP	TG	Yes
Bookmarks	frontend	Sun, Nov 29	MVP	SC	Yes

MVP integ./testing	workflow	Tue, Dec 1	MVP	all	Yes
MVP Presentation	milestone	Tue, Dec 1	MVP	all	Yes
Update MVP design doc	milestone	Tue, Dec 1	MVP	all	Yes
Polish / refactors	frontend	Sun, Dec 6	FP	SC, SY	Yes
Polish / refactors	backend	Sun, Dec 6	FP	TG	Yes
Contacts, Recipient Bundles	backend	Sun, Dec 6	FP	TG	Yes
Contacts, Recipient Bundles	frontend	Sun, Dec 6	FP	SC, SY	Yes
Location filtering (Google API)	backend	Sun, Dec 6	FP	JW	Yes
Location filtering (long/lat, radius)	frontend	Sun, Dec 6	FP	JW	Yes
Insights	backend	Sun, Dec 6	FP	TG	Yes
Insights	frontend	Sun, Dec 6	FP	SC, SY	Yes
Comments	backend	Sun, Dec 6	FP	TG	Yes
Comments	frontend	Sun, Dec 6	FP	SC, SY	Yes
Report/moderate comments/number of filterbuster uses	fullstack	Sun, Dec 6	FP	JW	Yes
Final integ./testing	workflow	Mon, Dec 7	FP	all	Yes
Update documentation	milestone	Tue, Dec 8	FP	all	Yes

What to do if something goes wrong

We would push back features/deadlines to later milestones (PoC to MVP, MVP to FP, drop features from FP). If necessary, cut down on features / revert to simpler versions (refer to color coding above to see how we would prioritize features). Red items are required implementation, yellow are mid priority, and green are low priority items. For example, if location search with Google Places API doesn't work as anticipated, we revert to using location name only. If we run into challenges implementing mitore sophisticated authentication, we would revert to simple authentication. If someone is struggling to meet a deadline for a high priority item, other team members will pitch in to help figure out how to implement and finish high priority items. If it is a

medium priority item and it is before the final deadline, members can push off this until the next deadline but must propose a day to have it done by. If we are tight on deadlines, we will get rid of low priority items.