Hey Chris,

Here’s some notes on the calendar application. I have outlined all of the community modules that we have identified and some possible next steps. I am also attaching a higher-level diagram of how some of the pieces fit together. This is not an ERD.

Cheers.

Nick

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1. Create wireframes for:
   * Calendar home page
     + Featured events?
     + Most popular events?
   * Calendar day/week/month views
     + List and visual calendar?
     + Filters based on Drupal taxonomies
   * Event detail page
2. Create a POC based on wireframes
   * Create base “Events” content type. The events content type will power the calendar. The calendar is made up of multiple views of events. At minimum for the events (Howard to provide final list):
     + Title
     + Description
     + Start date
     + End date
     + Location (Google Maps API?)
   * Create taxonomies that relate to events content type. Potential taxonomies based on the Louisville calendar (Howard to provide final list):
     + Event type e.g. Arts, Exhibit
     + Departments e.g. Library
     + Audience e.g. Students, Faculty, Alumni
   * Create event filtering based on defined taxonomies
   * Create a number of different event/calendar views:
     + All events
     + Featured events
     + Events by month/day/year
   * Add “Add to calendar” functionality
   * Built upon core/contributed modules only:
     + Calendar module: <https://www.drupal.org/project/calendar>
     + Add to calendar: <https://www.drupal.org/project/addtocal> (Currently in beta. Use may depend on stability)
3. Flesh out API requirements. We have already looked into community modules that should be able to help, but this is obviously dependent on the requirements:
   * Services: <https://www.drupal.org/project/services>
   * CORS: <https://www.drupal.org/project/cors>
   * REST Server: <https://www.drupal.org/project/rest_server>
   * Services Views: <https://www.drupal.org/project/services_views>