Project Brief

ASI Programs Highlight

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Develop web app with dashboard tool to feature ASI Programs in columns on the ASI Website.

Project Definition
The responsive programs highlight app needs to consist of both a dashboard tool and element for use on the front-end. It would be ideal to make the app module universal, needing only a single element that can use an argument to determine which images to include for a given page or section.

Project Scope
Create a new Dashboard app and front-end element for ASI Programs content.

1. Options for the admin user to upload image (600px wide by 400px), enter image alt text, and any relevant program info with hyperlink and description.
2. Follow Accessibility and Usability Best Practices (image alt text, hyperlink description)
3. Image row(s) should be centered
4. Draft Documentation for your app.
5. Develop a usage guide with advice on successful image cropping (600px by 400px) to capture the ideal portion of the image.
6. Ensure proper display in exact number of columns on desktop and proper collapse on responsive devices such as iPhone and iPad and similar Samsung (Android type) devices.

MySQL DB table: create a new db table (ask Daryl for permissions if needed)

Admin:

/admin/app/models/ .. create a new model
/admin/app/controllers/ .. create a new controller
/admin/app/views/..create new views

Create an upload folder in admin/app/webrrot/img (I created upRespPrograms for our use)

Front-End:

Create relevant element(s), css and js files accordingly

Sample Rendering – see http://dev.asi.calpoly.edu/recreation_center/

Programs & Amenities

ASI INTRAMURAL SPORTS | AQUATICS | FITNESS & PERSONAL TRAINING | POLY BODY + BEING WELLNESS | SAFETY | THE PRO SHOP | ASI POLY ESCAPES & CLIMBING PARK

Project Budget
Please track hours and itemized tasks worked on this project using a shared (OneDrive) excel sheet.

Roles and Responsibilities

Bryan Bowers: Project management, oversight, review, delegation, migration to production.

Yuri Machida: Research, development, programming and testing in DEV.

Timeline

August 9, 2018 – Project assigned

August 21, 2018 – 3pm – 3:30pm - Open Meeting to discuss project and any Q & A.

September 14, 2018 - Ideal implementation of working solution on ASI PROD (live site).

Measure

Measure of success includes:
The successful database table creation and relationships; admin dashboard interface including index, add, edit, get_all_data views, controller and model.

Accurate presentation of images in columns and any related text across desktop browsers and responsive devices.

Analyze:

Identify any obstacles, challenges, constraints, and alternatives/compromises to new solution.

Look to leverage existing code or start from scratch. For instance, you could copy the Home Announcements app aka (home_ads) in admin and mysql to get a head start.
Examples:

- Technique to figure out number of columns needed: try php count() function or php sizeof() function. BS.registerbox.ctp utilizes php sizeof()

- 7 columns is the maximum per row! If more than 7 are needed, a function is needed to split into multiple rows.

  - If 8, then split into two rows of 4.

  - If 9, split into three rows of 3.

  - If 10, split into two rows of 5

  - If 11, split into two rows, 6 then 5, centered

  - If 12, split into two rows of 6

  - If 13, split into two rows, 7 then 6, centered

  - If 14, split into two rows of 7

Look to leverage arguments like Home Announcements admin app "ID Name" field and corresponding db table, 'home_ads'.'name' column.

```
<?php echo $this->element('content_images', array('id'=>'home-ads-images', 'name'=>'home_ads')); ?>
```

```
19
20 ▼ <section id="second" class="section-wrap padded" data-section="Happenings">
21       <h2 class="font-Museo-Sans-100 text-center" tabindex="0">ASI Happenings</h2>         ↓ argument
22 ▼        <?php echo $this->element('content_images', array('id'=>'home-ads-images', 'name'=>'home_ads')); ?>
23    </section>
```

Design

Develop a working solution in DEV on or before 9/7/2018 for review.

Stakeholders

ASI Marketing is the primary stakeholder, however, ASI – IT is responsible for the technological solutions we utilize to satisfy the ASI Brand and Marketing vision. There are a number of ASI website pages that may utilize this app to render program images.