

Brad Bosak

Service Design

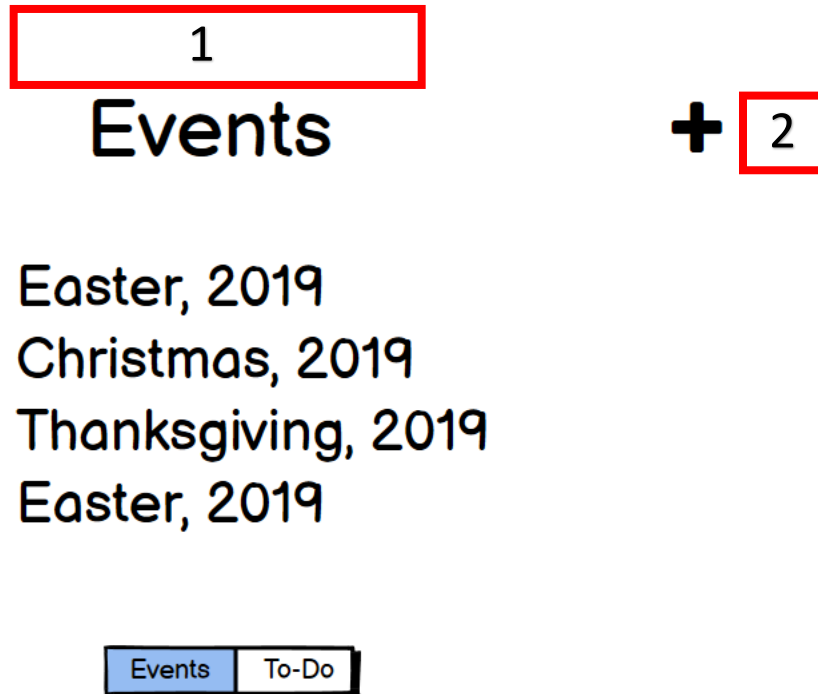
Service Endpoints

/events – Endpoint to display all events as well as create an event

/events/{event-id} – Endpoint will get, delete, or edit a specific event

/to-do – Endpoint to get, create, and delete a to-do item

Endpoint Mappings





1. /events
 - a. GET
 - b. The /events endpoint will return all the events to display the titles.
 - c. Possible response codes:
 - i. 200 – successful return
 - ii. 204 – no content. Will be the response if no events were created yet
2. /events
 - a. POST
 - b. Clicking the add icon in the top right corner will keep the user at the /events URL, but a modal window will display
 - c. Clicking Cancel will revert to /events
 - d. Clicking save will be a POST to create a new event
 - e. Possible response codes:

- i. 200 – save successful. Revert to /events
- ii. 400 – bad request. Error saving
- iii. 500 – server error. Not expecting this due to cloud server use.

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Easter, 2019

Location

Brad's house

Start Time

11 AM

End Time

5 PM

Guest List

John Smith, Jane Smith, Joe Walker, Jill Walker

Menu

Deviled eggs, ham, mashed potatoes

Decorations

Bunny nameplates, eggs

Supplies

Paper plates, paper cups, plasticware

Events

To-Do

Save

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3. /events/{event-id}
 - a. GET
 - b. Page will display a single event with all the relevant details
 - c. Possible response codes:
 - i. 200 – successful navigation to specific event
 - ii. 400 – bad request. Unsuccessful navigation. Perhaps a bad URL parameter was used
 - iii. 500 – server error. Not expecting this due to cloud server use.
4. /events/{event-id}
 - a. DELETE
 - b. Event is deleted from database. User is routed to /events after deletion.

- c. Possible response codes:
 - i. 200 or 204 – successful deletion of event
 - ii. 400 – bad request. Possible that event does not exist, although I’m not sure how this would be possible for a user to get this if they are already viewing the event
 - iii. 500 – server error. Not expecting this due to cloud server use.
5. /events/{event-id}
- a. PUT
 - b. Existing event is successfully modified. User comes back to /events/{event-id}
 - c. Possible response codes:
 - i. 200 – successful modification of event
 - ii. 400 – bad request. Possible that event does not exist, although I’m not sure how this would be possible for a user to get this if they are already viewing the event
 - iii. 500 – server error. Not expecting this due to cloud server use.



6. /to-do
- a. GET
 - b. Page will get all to-do items and display them in a list
 - c. Possible response codes:
 - i. 200 – successful response
 - ii. 400 – bad request. This should only be from a typo
 - iii. 500 – server error. Not expecting this due to cloud server use.
7. /to-do
- a. POST
 - b. Page will create a new to-do item and display it in the list with the others
 - c. Possible response codes:
 - i. 200 – successful response. To-do item was created
 - ii. 400 – bad request. This should only be from a typo

iii. 500 – server error. Not expecting this due to cloud server use.

8. /to-do

a. DELETE

b. When the user clicks the check mark, the item will be complete and delete off the database.

c. Possible response codes:

i. 200 or 204 – successful deletion of to-do

ii. 400 – bad request. Possible that to-do does not exist, although I'm not sure how this would be possible for a user to get this if they are already viewing the to-do item

iii. 500 – server error. Not expecting this due to cloud server use.