Release Summary
Travelog
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Key user stories and acceptance criteria:
Give a list of key user stories with their acceptance criteria that can serve as a guide for an acceptance test.

1. As a traveler, I want to be able to create an account and personal profile to save my trip information, as well as update my profile picture, password, and name.
   a. Users can sign up for an account by entering their email address and password.
   b. Users can log in using their credentials.
   c. Users can update their profile information, including:
      i. Profile picture
      ii. Password
      iii. Username
   d. All changes are saved and persist upon page refresh.
   e. Changes are displayed immediately after information has been updated.

2. As a traveler, I want the ability to navigate around an intuitive, interactive world map that allows me to drop pins to highlight any place or landmark of interest.
   a. Users are able to view an expansive world map and zoom in and out, and scroll around it.
   b. Users are able to search locations on the map via a search bar for easy location access.
   c. Users can drop a pin on any location by clicking on the map.
   d. Users can edit or remove pins.
   e. All changes are saved and persist upon page refresh.
   f. Changes are displayed immediately after information has been updated.

3. As a traveler, I want to write descriptive thoughts or captions about the location, such as travel experiences, favorite moments, and reflections, so that I can memorize my travel history.
   a. Users can add a caption to each pin describing their experiences, and each caption supports:
      i. A field for the date the user had this experience
      ii. A field for the name of the experience
      iii. A field for the text of the caption
   b. Users can edit and delete captions.
   c. Users can view their notes after creation.
   d. All changes are saved and persist upon page refresh.
   e. Changes are displayed immediately after information has been updated.

4. As a traveler, I want to upload pictures and videos that I took during my trips to visually document my experiences.
    a. Users can upload images and videos to their journal entries with different file formats including JPG and PNG.
    b. Users can preview uploaded media before saving their changes
    c. Users can remove media from their entries
    d. Users can view their media in a gallery-like UI after saving their changes
    e. All changes are saved and persist upon page refresh.
    f. Changes are displayed immediately after information has been updated.

Known Problems:
List the major bugs (you can reference your Test Report), omissions (missing functionality, edge cases that are not handled), design shortcuts (e.g. hard coded data), etc.
- Major bugs
    - Rendering the map page from a non-home page in mobile view doesn't expand to whole screen
    - Journal creation dates may be off due to timezone issues when creating a journal and viewing it
    - 500 Internal Server Error when placing pin or clicking in the middle of the ocean
    - 401 Unauthorized Error when refreshing on the categories page after you click on a category
    - Only the first journal entry of a pin can get the default location, but the second time you click "add journal" on the same pin, the location field is empty (this happens occasionally)
    - Navbar disappears on mobile if not logged in
- Omissions
    - [Missing functionality] Journal entries do not support video uploads
    - [Missing functionality] Live-reload for all backend microservices
    - [Missing functionality] Moving an already dropped pin will not change its original placed location
    - [Missing functionality] Typing an incorrect password when logging in does not change the state of the modal or alert the user that they entered it wrong
    - [Missing functionality] No alert to inform the user about a maximum image upload size for journal entries
    - [Edge case] Pop up menu may go off screen if there are too many journals on the same pin
    - [Edge case] Some areas on the map cannot get a default location upon pin placement
- Design shortcuts
    - Microservices call each other directly instead of the API gateway

○ Users have to manually enter journal entry categories rather than picking from a list of their already created categories

Product Backlog:
Provide a list the high priority user stories and bug fixes that can serve as a guide for a follow-on project.
Note: There will be no penalty for system failures during the project review that are due to known problems.

- High priority user stories
  - As a traveler, I want to see my pins be color-coded/labeled based on which list they're in (e.g. general, favorites, next trip, etc) so that I can distinguish the places that I bookmarked.
  - As a traveler, I want to bookmark places that I want to go and see my progress so that I can gain a feeling of checking off my bucket list and inspire planning for future trips.
  - As a traveler, I want to see other people's trips to gain inspiration on where to make my trip.
  - As someone who travels a lot, I want the ability to filter trips by specific dates to more efficiently recall where I have been during a selected period, and by location types to easily go to my memory entries any time I want to revisit an event.
  - As a sharer of adventures, I want to easily be able to share a specific trip or location memory, visualized/pinpointed throughout the interactive world map, to my friends through social media or by a link.
- Bug fixes
    Refer to the entire **Known Problems** section for a list of bugs that need fixing.