

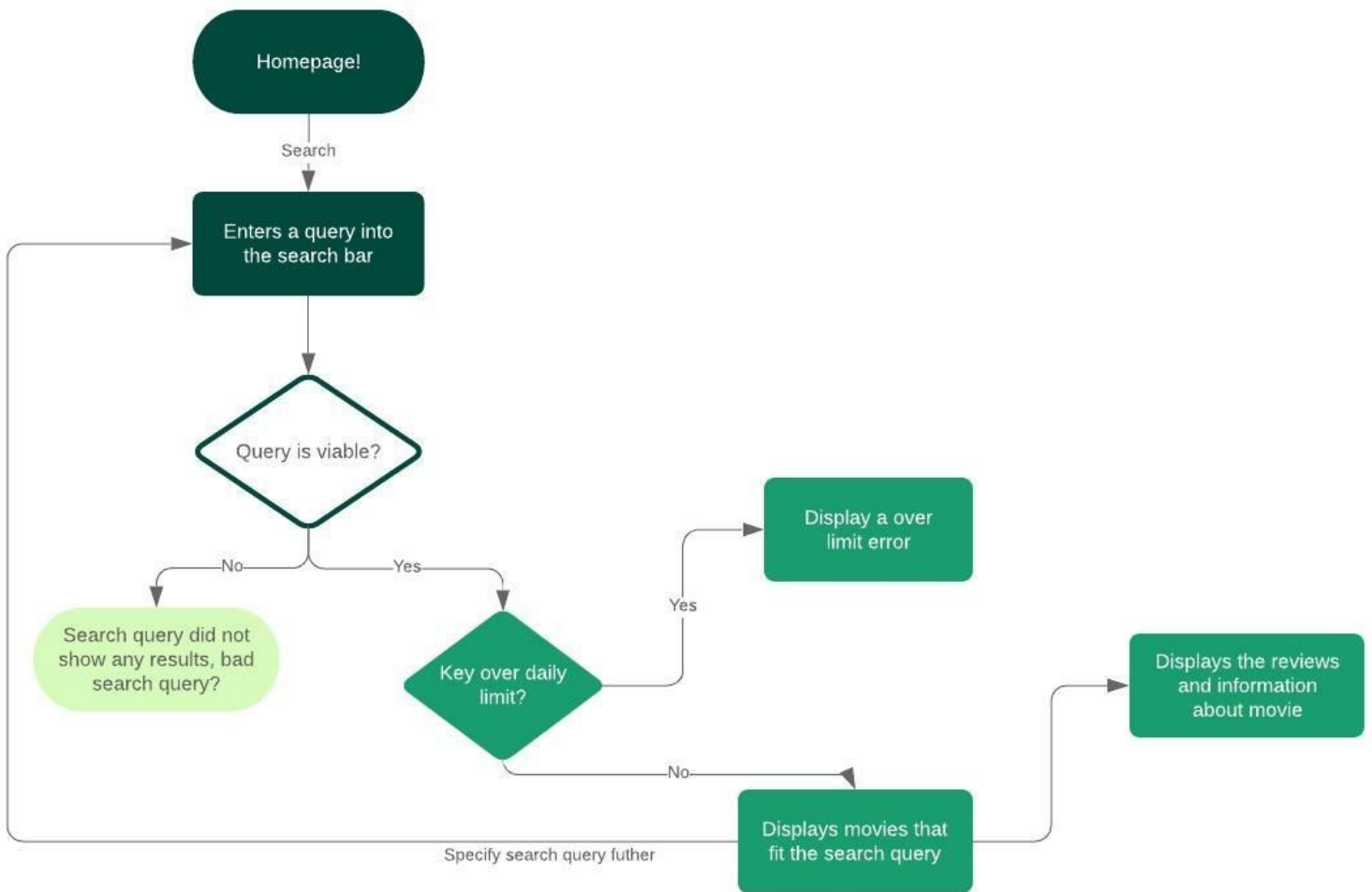
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Movie Encyclopedia

Component map

- Front End Framework: Foundation
 - Mainly because of the superior customization for forms
- Searching
 - Users will have the ability to find a movie based on release year or keywords
 - Uses OMDb's API for this step
 - Returns a table of movies a user can choose with title, release date, and rating in each row
- Movie Page
 - Cross references all three APIs: OMDb, NYT Movies, Review, and NYPL
 - All uses title from user's choice to query
 - Movie General Data
 - Year Released
 - Actors
 - Rating
 - Plot
 - Poster (opening link from JSON data)
 - Review Data
 - If there is a review:
 - Author
 - Heading
 - Link to Review
 - Book Adaptation
 - If there is one:
 - Title
 - Published Data
 - Cover (opening link from JSON data)
- If the max number of requests has been reached, users will be alerted

Site map



Database schema

Greyed - how we will search each api and link the databases

OMDb API's database

Movie Title	Year Released	Actors	Plot	Ratings	Poster
TEXT	INTEGER	TEXT	TEXT	TEXT	TEXT (link to image)

New York Times Movies Review API

Movie Title	Movie Review Link	Headline	Author
TEXT	TEXT	TEXT (so we can add text to a link)	TEXT

New York Public Library

Book Title	Book Cover Link	Book Publishing Date
TEXT	TEXT	TEXT

Roles

- PM: Anton Danylenko
- Front-End Framework and CSS: Hui Min Wu
- Back-End API output developer: Derek Song
- Back-End Flask developer: Zane Wang