

Team Green Monkeys; Daniel He, Faiyaz Rafee

SoftDev

P00 -- WIKI design doc

<yyyy>-<mm>-<dd>

time spent: 2 hrs

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### Components of a WIKI:

\_Articles displayed on a separate webpage

- Articles should at a bare minimum have 3 sections: title, body, and references
- inclusion of thumbnails, pictures and a history log of edits
- Key words should hold links to other article

\_Ability to create/ delete articles

\_Ability to edit existing articles

\_Navigation: Home, back button, links to other articles

\_Possibly comments

\_Review from a moderator shouldn't be needed for any editing or creation of a wiki, but needed for any deletion of content.

\_Login and sign up

### Software COMPONENTS to achieve:

\_Flask web server serving different routes/ webpages/

\_Databases storing all articles and affiliated resources

\_Python handling:

- Editing databases, (updating existing article databases)

\_Links acting as buttons for navigation, editing, adding, deleting articles

- html for neater UI

\_Forms? For article writing.

- Forms for editing existing articles hold a value specified by database

### FLASK

App.py (**work allotment:** FAIYAZ [flask], DANIEL [database])

Templates: (FAIYAZ)

HomePage

- List of articles (searchable?)

ArticlePage

ArticleEditing

- forms

Update\_data.py (DANIEL)

Give\_me\_data.py (DANIEL)

### DATABASE

Tables:

Catalog ( 4 columns )

- Connects article title TEXT to article body TEXT and associated reference table title TEXT, history of edits table title TEXT

Reference ( 1 column )

- Formatted reference

History ( 4 columns )

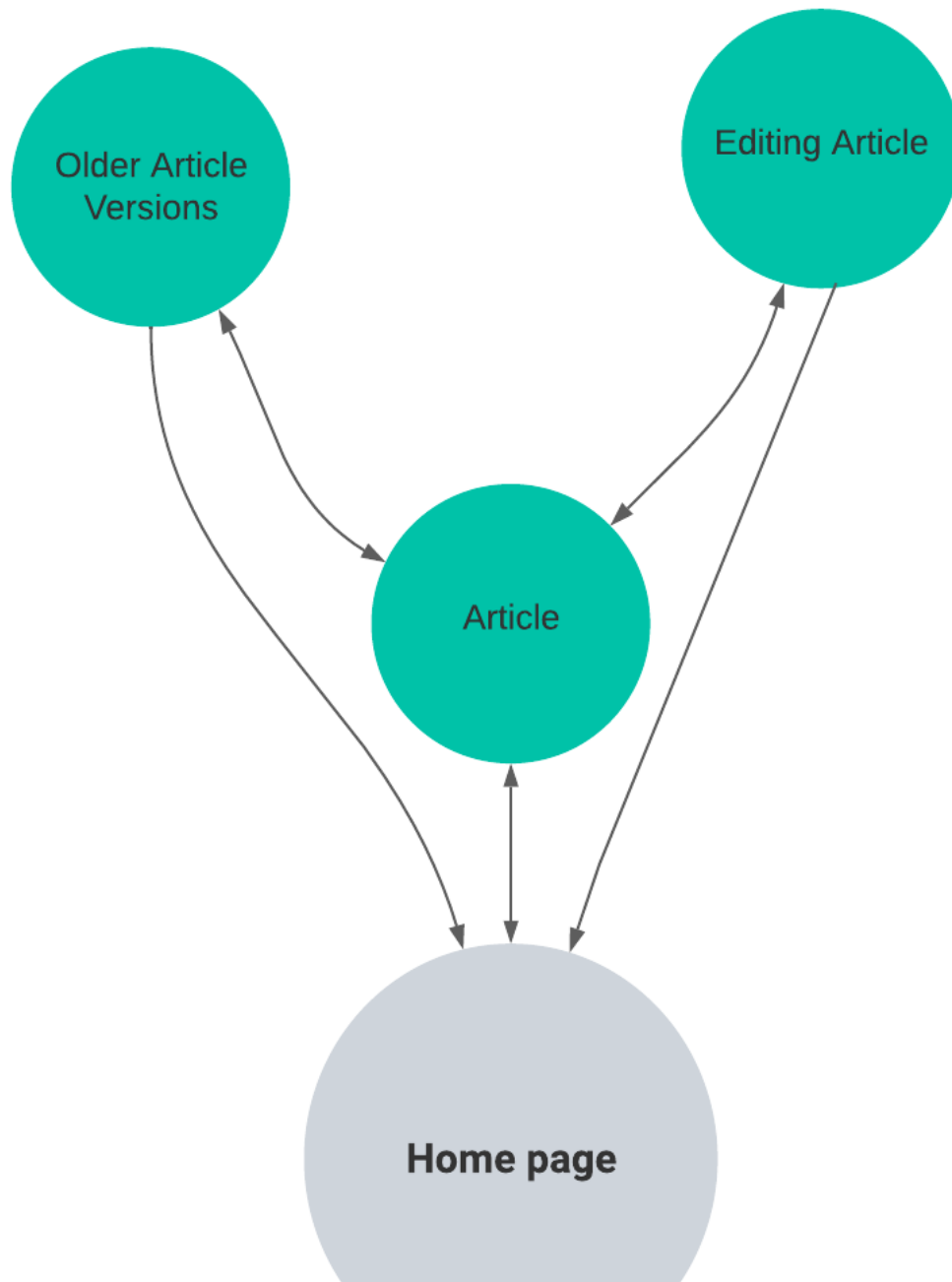
- Date and time, author username, TEXT, old reference table title TEXT
- New entries appended as new rows

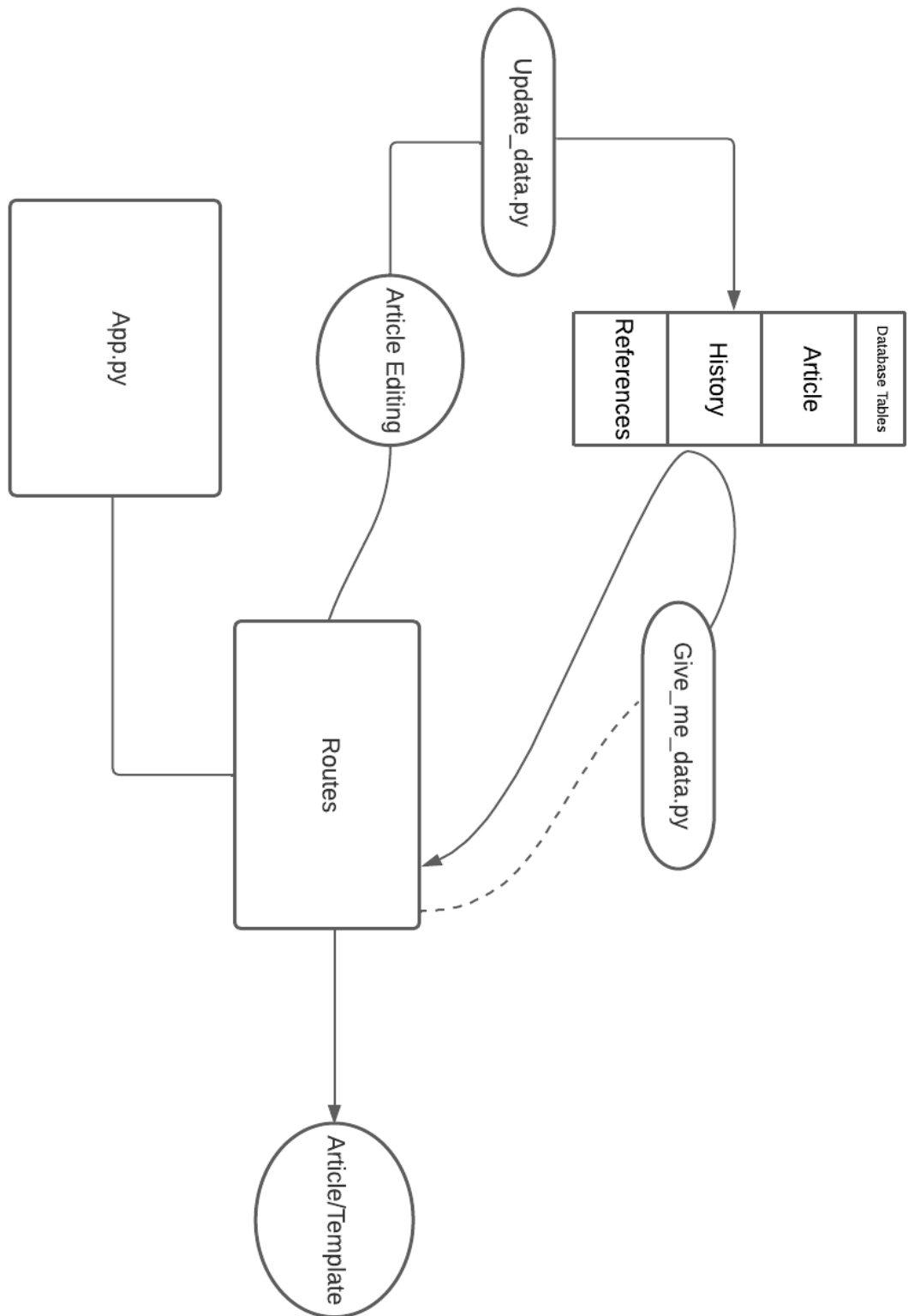
#### RELATIONSHIPPING:

\_App.py will handle all the logics of navigation, as well as logics of actions, such as editing or updating forms.

\_Updating or editing forms will call upon methods of Update\_data.py

\_When navigated to the correct routes, articles will be displayed by fetching data in the database through methods of Give\_me\_data.py





Additionally add authentication box to Database tables