Portfolio Project – MedGuardian®

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Project Overview:

MedGuardian® is a web-based personal medication assistant built on the Django web-framework. The inaugural version will consist of active medication tracking and administration reminders. The user’s medication administration history and the daily status of active medications will be viewable to the user.

Endpoints:

Medication:

GET ‘/index’, ‘/’ will provide a greeting page and the links to medication functionality

GET ‘/medications’ list of currently active medications.

POST ‘/medications/new’ create new medication

GET ‘/medications/history’ summary of medication administration over time frame

GET ‘/medications/<int:med\_id>’ medication details for med with id of med\_id

POST ‘medications/<int:med\_id>/administer’ log an administration of the medication with details

PATCH ‘medications/<int:med\_id>/edit’ edit timings of administration

PATCH ‘medications/<int:med\_id>/discontinue’ inactivate medication

GET ‘medications/<int:med\_id>/summary’ summary of history and use of medication

User:

POST ‘/user/new’ create new user account

GET ‘/user/<int:user\_id>’ view account profile

PATCH ‘/user/<int:user\_id>/edit’ edit user account profile

GET ‘/user/<int:user\_id>/preferences’ view and edit preferences

DELETE ‘/user/<int:user\_id>’ delete user account

Database Design:

