1. Task prioritization
    - Use greedy algorithm to prioritize fixed and movable tasks
        - Examples of fixed task: sleep, work, meals
        - Examples of movable tasks: assignment work, personal projects
    - Can split up tasks to fill in time slots
        - i.e. a 6-hour task can be split up into 1-hour and 5-hour sessions
    - User needs to provide:
        - Deadline for task
        - Estimated time required for task
        - Importance of task (might complicate)
2. Shopping optimizer
    - User needs to provide:
        - Addresses of existing stores
        - Shopping list and for each item in the list, its price at each given store
        - Home address OR departure and arrival point
    - Application will provide:
        - The stores that should be visited
        - The items that should be bought at each store
        - Travel directions
3. Search functionality for concepts instead of just words
4. Improved image search
    - Maintain a image repository
    - For each image in the repository, it should have had computer vision analysis to detect all objects in the image
        - Object information such as proportion of image and approximate location within photo (bottom-left, top-right,...) should be stored for query purposes
    - Users who visit the application can query based on object name, object proportion, and object position within image