**House Management System**

**Concept**

An idea is to create an app that will ease the work distribution among member of house. Users create checklists that reflect up to several focus zones in their home and can schedule exactly when to complete each task (daily, weekly, bi-weekly, monthly, or seasonally).

Other idea is to use this app for Grocery shopping. User will able to create list and can add desire people to list. Once the member is added to listed, they can add the items to list that they want to buy on next grocery shopping. List will also contain the person name that has turn to go for grocery shopping this time. After the grocery shopping is done those people will able to delete the item from list and submit the list of items that are not available when they went for shopping and can be carry forward to next grocery shopping

**Technologies**

* **Web**

**Front-end:** React

**Back-end:** .NET (MVC OR ASP.NET CORE) OR (NODE and Express)

**Middle layer (Communication Layer):** REST-API

**Database**: SQL (if Traditional) OR AWS (cloud)

* **APP**

Don’t have that much idea but from my reading about technologies used for mobile app development it would be good if you use following:

* + React native
  + AWS Database or firebase

**Goals**

**Step 1(Access Layer (login))**

* User login and signup
* Roles based login
* Authorization and authentication
* Assign privilege to user based on role

**Step 2(Profile Section)**

* Personal Information (name, contact, email etc.)
* Task assigned
* Task Created
* Task Done
* Logout

**Step 3(Dashboard Section)**

* **Create Task**

(user can create a list of work that need to do and assigned the people for doing specific task. Once the task is created and assign to people and if they have any problem or want to alter the task they can report back in allocated time. But once the allocated time is finished this task will be finalized and can’t be altered)

* **Create List (Grocery, shopping, Birthday etc.)**

Read the concept idea 2 paragraph for more details

* **Task Reported**

List of task report for changes and updating the work assigned to them

\*\* This idea can be altered as we start developing app \*\*