Moving Checklist & Budgeter App

# Purpose:

Help new movers to an area identify affordable housing options, manage moving tasks, plan budgets, and select utilities and furniture suited to their lifestyle and preferences.

# Scope:

A web-based app that allows users to:

* Track moving tasks
* Plan budgets for rent, utilities, and furniture
* Estimate utility costs based on location and lifestyle
* Recommend utilities and furniture options personalized to user preferences

# Users:

* Individuals moving out for the first time or relocating within a city
* Budget-conscious renters or young professionals

# User Needs:

* Clear, simple moving checklist with progress tracking
* Accurate budget planning including rent, utilities, and essentials
* Personalized utility cost estimates based on location and lifestyle
* Suggestions for essential furniture with price ranges

# Assumptions & Dependencies:

* Users have internet access and basic digital literacy
* Utility cost data may be pulled from open datasets or static mock data
* No real-time API integration needed for v1, but planned for future updates

# Functional Requirements

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| --- | --- | --- | --- |
| **ID** | **Requirement Description** | **Priority** | **Acceptance Criteria** |
| FR1 | Provide a customizable moving checklist with tasks and completion status | High | Users can add/remove/check off tasks; progress shows as % complete |
| FR2 | Allow users to input income, rent, and estimated expenses to calculate leftover budget | High | Budget updates dynamically and alerts if expenses exceed income |
| FR3 | Estimate monthly utility costs based on postcode and user lifestyle choices (e.g., cooking habits, internet needs) | High | Utility estimates appear after location and preferences entered |
| FR4 | Display essential furniture list with price ranges and purchase links | Medium | Furniture suggestions show with typical costs and online sources |
| FR5 | Capture user preferences: location (proximity, vibe), utilities (eco-friendly, budget), furniture style | Medium | Preferences saved and influence recommendations |
| FR6 | Recommend utility providers/plans matching preferences and budget | Medium | Recommendations shown with clear reasons and pricing details |
| FR7 | Responsive design to work on desktop and mobile browsers | High | UI adjusts smoothly to screen size, tested on common devices |

# Non-functional Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Priority** | **Acceptance Criteria** |
| NFR1 | System responds within 2 seconds to user inputs | High | No significant delay during input or recommendations |
| NFR2 | Code follows StandardJS style guide | High | Code passes linter without warnings or errors |
| NFR3 | User data is stored securely and privately | High | Data encrypted or protected in backend storage |
| NFR4 | Application supports at least Chrome, Firefox, Opera browsers | High | Functionality confirmed on listed browsers |

# Constraints & Assumptions

* No payment processing or account creation in v1
* Static/mock data for utilities and furniture prices in MVP
* Backend to be lightweight, possibly Firebase or Node.js/Express API
* User location determined via manual postcode entry

# Acceptance Criteria (Examples)

* User inputs postcode “3000” and selects “budget-friendly” utilities — system returns 3 providers with prices matching criteria
* User completes 5/7 checklist tasks, progress shows as 71% complete
* User adds rent $1200, income $2500, expenses $500 — leftover budget calculated as $800
* Recommendations update when user changes furniture style preference from “minimalist” to “modern”

# Future Enhancements

* Integration with real-time utility provider APIs for live pricing
* Machine learning to better match preferences and budget constraints
* Social/community feature for sharing tips with other movers
* Notifications/reminders for important moving deadlines