Home Life Management System

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Project Proposal

Assignment #1

1. Introduction

This application focuses on trying to manage home life. With this app, people can have a better organized work distribution throughout the week in houses.

This project will use MySQL database and C# Form for interface.

2. List of Predicted Objects

- Person
- Calendar
- Housework
- Home
- Busy Time
- Chores
- Note
- Event
- Request
- Bills

3. Classes' Predicted Functions

Person	
Name	Description
Add Person	Adds a new person to database
Remove Person	Removes a person from database
Alter Person	Changes a property of the person
Join Home	Joins a existing home
Sign In	Signs into the system
Sign Out	Signs out from the system
View Private Calendar	Shows the person's own calendar
View Private Notes	Shows the person's own notes

Calendar	
Name	Description
Create Calendar	Creates a calendar
Remove Calendar	Removes the calendar
View Busy Time	Shows only busy times
View Housework	Shows only houseworks
View Free Time	Shows Free Times
View All	Shows All

Home	
Name	Description
Create Home	Creates a new home
Remove Home	Removes the Home
View House Calendar	Shows the home calendar
Add a Request	Creates a new request
View Rent	Shows the rent
View Bills	Shows the bills

Chores	
Name	Description
Create Chore	Creates a new chore
Remove Chore	Removes the chore
Update	Updates the Chore

Housework

Name	Description
Create Housework	Creates a new housework
Remove Housework	Removes the housework
Update	Updates the housework

Busy Time

Name	Description
Create Busy Time	Adds a busy time to database.
Remove Busy Time	Deletes the busy time
Update	Updates Busy Time

Note

Name	Description
Create Note	Adds a new note
Remove Note	Removes note
Update	Updates the note

Event

Name	Description
Create Event	Creates an Event
Remove Event	Removes an Event
Update	Updates the event

Request

Name	Description
Create Request	Creates a Request
Remove Request	Removes a Request
Update	Updates request

Bill

Name	Description
Create Bill	Creates a Bill
Remove Bill	Removes a Bill
Update	Updates bill

New functions may be added, or existing functions can be in a different name.