ISAD251 Web Application Fact Sheet

Description:

Time-Keeper is a web application written in c#, HTML and CSS focused on helping users manage their commitments. It allows both parents and children to create new deadline or appointment records using a browser-based interface, storing the records on a central database. As a parent user you have the capability to view and manage the entire family's data, allowing you to keep an eye on anything from work-related meetings to your children's schoolwork.

Time-Keeper has a simple and easy to user interface that can be accessed from multiple different browsers (Firefox, Google Chrome, Opera and Microsoft Edge have all been tested and are confirmed to work) and allows users to quickly see upcoming commitments at a glance.

How to user Time-Keeper:

Navigating around the system + Dashboard:

Once at the homepage, click the "View dashboard" button on the navigation bar to enter the system. This will open the dashboard screen, a page that is present as a placeholder for a full dashboard with statistics and information about upcoming events. I decided to focus on the core functionality and so this also fell outside of the scope although given more time I would have continued to develop these ideas.

On the left side of the screen there is a side-nav box that will allow you to enter either the deadline or appointment management pages

Logging into a user:

Current user:
Parent Child 1 Child 2 Child 3

In the top-right of the appointment/deadline management webpage you can select what user you wish to log into. As a bespoke login system falls outside of the scope for this project I have implemented a simple link system that will demonstrate dataflow for demo purposes.

Adding a record:

Once a user has been selected the page will be populated with data from the database. To add a record, click the "Create New" link above the table and you will be brought to the input screen shown below.

To edit, view details or delete a record, just click the corresponding link on a record to do so.

Title	Date	Location	Duration	User			
Parents Evening	04/02/2020 00:00:00	School	00:01:00	Child 2	Edit	Details	Delete
Parents Evening	04/02/2020 00:00:00	School	00:01:00	Child 3	Edit	Details	Delete
Dermatologist	05/05/2020 00:00:00	Hospital	00:00:30	Child 1	Edit	Details	Delete
Dentist	09/09/2020 00:00:00	Dentists Office	00:00:30	Child 1	Edit	Details	Delete
Dentist	10/10/2020 00:00:00	Dentists Office	00:01:00	Parent	Edit	Details	Delete
Dentist	11/10/2020 00:00:00	Dentists Office	00:00:30	Child 2	Edit	Details	Delete
Doctors	12/10/2020 00:00:00	Hospital	00:00:30	Parent	Edit	Details	Delete

Title	Date	Location	Duration	User			
Parents Evening	04/02/2020 00:00:00	School	00:01:00	Child 2	Edit	Details	Delete
Parents Evening	04/02/2020 00:00:00	School	00:01:00	Child 3	Edit	Details	Delete
Dermatologist	05/05/2020 00:00:00	Hospital	00:00:30	Child 1	Edit	Details	Delete
Dentist	09/09/2020 00:00:00	Dentists Office	00:00:30	Child 1	Edit	Details	Delete
Dentist	10/10/2020 00:00:00	Dentists Office	00:01:00	Parent	Edit	Details	Delete
Dentist	11/10/2020 00:00:00	Dentists Office	00:00:30	Child 2	Edit	Details	Delete
Doctors	12/10/2020 00:00:00	Hospital	00:00:30	Parent	Edit	Details	Delete

Key Features:

- Create new deadline and appointment events.
- Edit and view details of existing upcoming events.
- As a parent, you can manage and view all of your family's deadlines/appointments
- Children have restricted access and can only manage their own event records
- Review events that have taken place or mark deadlines as met.