

Mohd Sharjeel - What I Built for This Project

****My Role**:** UI/UX Designer

****Project**:** School Activity Booking System

Quick Summary - What I Did

****In Simple Words**:** I made the website look beautiful and easy to use.

****Think of it like this**:**

- The others built the engine and wheels (Code)
- I painted the car, put in comfortable seats, and designed the dashboard (Design)
- I made sure it looks good on your phone AND your laptop

****My Main Jobs**:**

- Choosing colors and fonts (The Theme)
- Designing the dashboard (The Look)
- Making it work on mobile (Responsiveness)
- Creating cool effects (Glassmorphism)

Part 1: The Design System (The Theme)

What I Did (Simple Summary)

- Picked the "School Uniform" for the website
- Made sure everything matches
- Professional colors: Navy Blue, Teal, and Gold

How Does It Work? (Easy Explanation)

****Imagine decorating a room**:**

- You don't just throw random paint on walls
- You pick a palette: "Blue walls, white furniture, gold lamps"
- Everything must match!

****My Color Palette**:**

- ■ ****Navy Blue**:** Serious, professional, trustworthy (Like a school blazer)
- ■ ****Teal**:** Fresh, energetic, fun (Like sports activities)
- ■ ****Gold**:** Excellence, winning, stars (Like a gold star)

****Why these colors?****

- If I used Neon Pink and Green, it would look like a toy store.
- Navy Blue makes parents trust us with their money and kids.

The Code (With Simple Explanation)

```
:root {  
  /* I defined these once, used them everywhere */  
  --primary-color: #002E5D; /* Navy */  
  --accent-color: #0DA49F; /* Teal */  
  --gold-color: #FFB91D; /* Gold */  
}  
button {  
  background-color: var(--primary-color); /* Use Navy */  
}  
  
**Real Example**:  
Every button, header, and link uses these exact variables.
```

If I want to change Navy to Purple, I change it in ONE place,
and the WHOLE website changes instantly!

Part 2: The Parent Dashboard

What I Did (Simple Summary)

- Designed the main screen parents see
- Made it easy to understand at a glance
- "How much money spent?", "How many bookings?"

How Does It Work? (Easy Explanation)

****Imagine a car dashboard****:

- You need to see Speed and Fuel immediately.
- You don't want to search for them.

****My Dashboard Design****:

1. ****Top Cards****: Big numbers!

- "3 Children"
- "5 Bookings"
- "£125 Spent"

2. ****Activity Cards****: Look like playing cards

- Picture of activity
- Price tag
- "Book Now" button

****Glassmorphism (My Special Effect)****:

- I made the cards look like ****frosted glass****.
- It looks modern and expensive (like Apple/Windows 11 design).
- It sits on top of the background image.

The Code (With Simple Explanation)

```
.glass-card {  
/* The Frosted Glass Effect */  
background: rgba(255, 255, 255, 0.7); /* See-through white */  
backdrop-filter: blur(10px); /* Blur what's behind */  
border: 1px solid white; /* Shiny edge */  
box-shadow: 0 10px 20px rgba(0,0,0,0.1); /* Shadow for depth */  
}
```

****Real Example****:

When you look at the dashboard:

- The cards look like they are floating.
- You can slightly see the background through them.
- It feels 3D and high-tech.

Part 3: Mobile Responsiveness

What I Did (Simple Summary)

- Made the website shape-shift!
- Looks great on big computer screens
- Looks great on small phone screens
- It automatically adjusts (squeezes or expands)

How Does It Work? (Easy Explanation)

****Imagine water in a container**:**

- Pour water in a wide tray -> It spreads out wide.
- Pour water in a tall glass -> It becomes tall and thin.
- The water (content) is the same, but the shape changes.

****My "Breakpoints" (Shape-shifting rules)**:**

1. ****Big Screen (Laptop)**:**

- Show 3 cards in a row.
- [Card] [Card] [Card]

2. ****Medium Screen (Tablet)**:**

- Show 2 cards in a row.
- [Card] [Card]
- [Card]

3. ****Small Screen (Phone)**:**

- Show 1 card in a row.
- [Card]
- [Card]
- [Card]

The Code (With Simple Explanation)

```
/* Default: Mobile Phone (1 column) */
.grid {
  grid-template-columns: 1fr;
}
/* If screen is bigger than tablet (768px) */
@media (min-width: 768px) {
  .grid {
    grid-template-columns: 1fr 1fr; /* 2 columns */
  }
}
/* If screen is bigger than laptop (1024px) */
@media (min-width: 1024px) {
  .grid {
    grid-template-columns: 1fr 1fr 1fr; /* 3 columns */
  }
}
```

****Real Example**:**

Try this:

1. Open website on laptop -> 3 columns.
2. Shrink the window -> Snap! Becomes 2 columns.
3. Shrink more -> Snap! Becomes 1 column.

It never looks broken!

Part 4: Availability Indicators

What I Did (Simple Summary)

- Visual clues to show if class is full
- Green = Good, Red = Bad
- Progress bars showing how full it is

How Does It Work? (Easy Explanation)

****Imagine a traffic light**:**

- ■ Green Light = "Available" (Lots of space)
- ■ Yellow Light = "Filling Fast" (Hurry up!)
- ■ Red Light = "Full" (Stop!)

****My Logic**:**

- If > 5 spots left -> Show Green Badge
- If 1-5 spots left -> Show Orange Badge
- If 0 spots left -> Show Red Badge "FULL"

****Progress Bar**:**

- Like a battery meter on your phone.
- 50% full = Bar is half filled.
- 100% full = Bar is totally filled.

The Code (With Simple Explanation)

```
{% if spots > 5 %}
{% elif spots > 0 %}
{% else %}
{% endif %}
```

****Real Example**:**

Parent looks at "Swimming":

- Sees Orange badge "Filling Fast"
- Sees progress bar is 90% full
- Thinks: "Oh no! I better book now!"
- Clicks Book immediately.

(Good design drives action!)

My Contribution Summary

****Files I Created/Modified**:**

1. `style.css` - The styling file (700+ lines)
2. `dashboard.html` - The layout of the main page
3. `base.html` - The master template (header/footer)

****What Each Part Does (Simple)**:**

| Part | What It Does | Like... |

|-----|-----|-----|

| Color Palette | Sets the mood | Interior Decorating |

| Glassmorphism | Cool visual effect | Frosted Glass |

| Responsive Grid | Adapts to screen size | Water changing shape |

| Badges | Shows status | Traffic Lights |

| Typography | Fonts text | Handwriting style |

Why This Matters

****Without my work**:**

- ■ Website would look like a boring Word document (Black text, white background)
- ■ Impossible to use on a phone (Tiny text, scrolling sideways)
- ■ Parents wouldn't trust it (Looks unprofessional/fake)
- ■ Hard to see what is booked or full

****With my work**:**

- ■ Looks professional and expensive
- ■ Works on any device (Phone/Tablet/Laptop)
- ■ Easy to read and understand
- ■ Fun to use!

****Mohd Sharjeel****

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December 2025