**Virtual Fitting Room Documentation**

**Feature 1: Stitching Virtual Trial Room**

**Description:**  
This feature allows users to see how an unstitched piece of cloth would look after being tailored into a garment.

* **Input:**
  + Image of unstitched cloth (can be a shirt, pant, kurta, etc.)
* **Output:**
  + A virtual 3D model of the cloth stitched into the chosen outfit type.
  + Visualization of how the finished garment will look.
* **Process:**
  + Users upload an image of the cloth material.
  + The system simulates the stitching and tailoring process based on predefined outfit designs.
  + A virtual model is generated, showing the stitched outfit on a mannequin or model for a realistic preview.

**Feature 2: Ready-made Dress Virtual Trial Room**

**Description:**  
This feature enables users to visualize themselves wearing a ready-made outfit from the catalog.

* **Input:**
  + Link to a specific ready-made dress product.
  + User’s image to simulate face integration onto the virtual try-on.
* **Output:**
  + A 3D model of the user wearing the selected dress, with their face blended onto the mannequin or virtual model.
* **Process:**
  + User selects a dress product link and uploads an image of themselves.
  + The system aligns the dress to the user’s body and face, creating a realistic fit visualization.
  + Users can view the virtual try-on and explore different angles for better fitting insights.

**Feature 3: Designers Catalog**

**Description:**  
Displays a catalog of designers, including their designs, contact details, and addresses for direct connection.

* **Input:**
  + None directly from users; data is managed in the backend.
* **Output:**
  + A curated list of designers.
  + Each entry includes:
    - Designer’s name
    - Design samples or portfolio
    - Contact information (email, phone, etc.)
    - Physical address (if applicable)
* **Process:**
  + Backend populates the designer details.
  + Users can view, filter, or search designers based on criteria like design type, location, etc.

**Feature 4: Outfit Design Generator**

**Description:**  
Generates outfit designs based on specified user preferences like color combination and garment type.

* **Input:**
  + Color combination.
  + Garment type (e.g., shirt, pants, jeans, kurta).
* **Output:**
  + A generated outfit design that matches the input specifications.
  + Preview of how the outfit would look in the selected color and style.
* **Process:**
  + User specifies the desired color and type of garment.
  + The system utilizes design templates to create a model of the outfit.
  + The output is a virtual design image that the user can view or save.