Luzco
Use-Case: Lighting Design Creation

1   Brief Description

This use case involves the process of creating a lighting design for a commercial space using Luzco Lighting Solutions.

2   Actor Brief Descriptions

2.1   Lighting Designer: The primary actor responsible for creating and customizing lighting designs.

3   Preconditions

The Lighting Designer is authenticated and has access to the De Luzco Lighting Solutions platform.

The commercial space details and requirements are available in the system.

4   Basic Flow of Events

1. The use case begins when the Lighting Designer logs into the De Lizco Lighting Solutions platform.

2. The system presents the list of available commercial spaces for lighting design creation.

3. The Lighting Designer selects a specific commercial space for design.

4. The system provides tools for creating and customizing lighting layouts, including placement, intensity, and color.

5. The Lighting Designer adjusts lighting parameters, previews the design, and iteratively refines it.

6. Once satisfied, the Lighting Designer saves the lighting design in the system.

7. The use case ends.

5   Alternative Flows

5.1   Step 4a

If the Lighting Designer encounters issues with the tools, the system provides guidance and support.

5.2   Step 6a

If the Lighting Designer decides to discard the current design, the system prompts for confirmation before discarding.

6   Subflows

6.1   Tool Customization

The Lighting Designer accesses additional customization options for specific lighting tools.

1. Subflow 1, Step 1: Adjust the color temperature of specific lighting fixtures.

2. Subflow 1, Step 2: Fine-tune the intensity of accent lighting.

7   Key Scenarios

7.1   Client Approval

1. Scenario 1, Step 1: The client reviews the design.

2. Scenario 1, Step 2: If approved, the Lighting Designer finalizes the design.

8 Post-conditions

The finalized lighting design is stored in the system and associated with the specific commercial space.

9 Special Requirements

The system must support real-time collaboration, allowing multiple Lighting Designers to work on the same design simultaneously.

The platform should provide version control for tracking design changes and facilitating rollback if needed.