



DanceSoft

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Special Thanks
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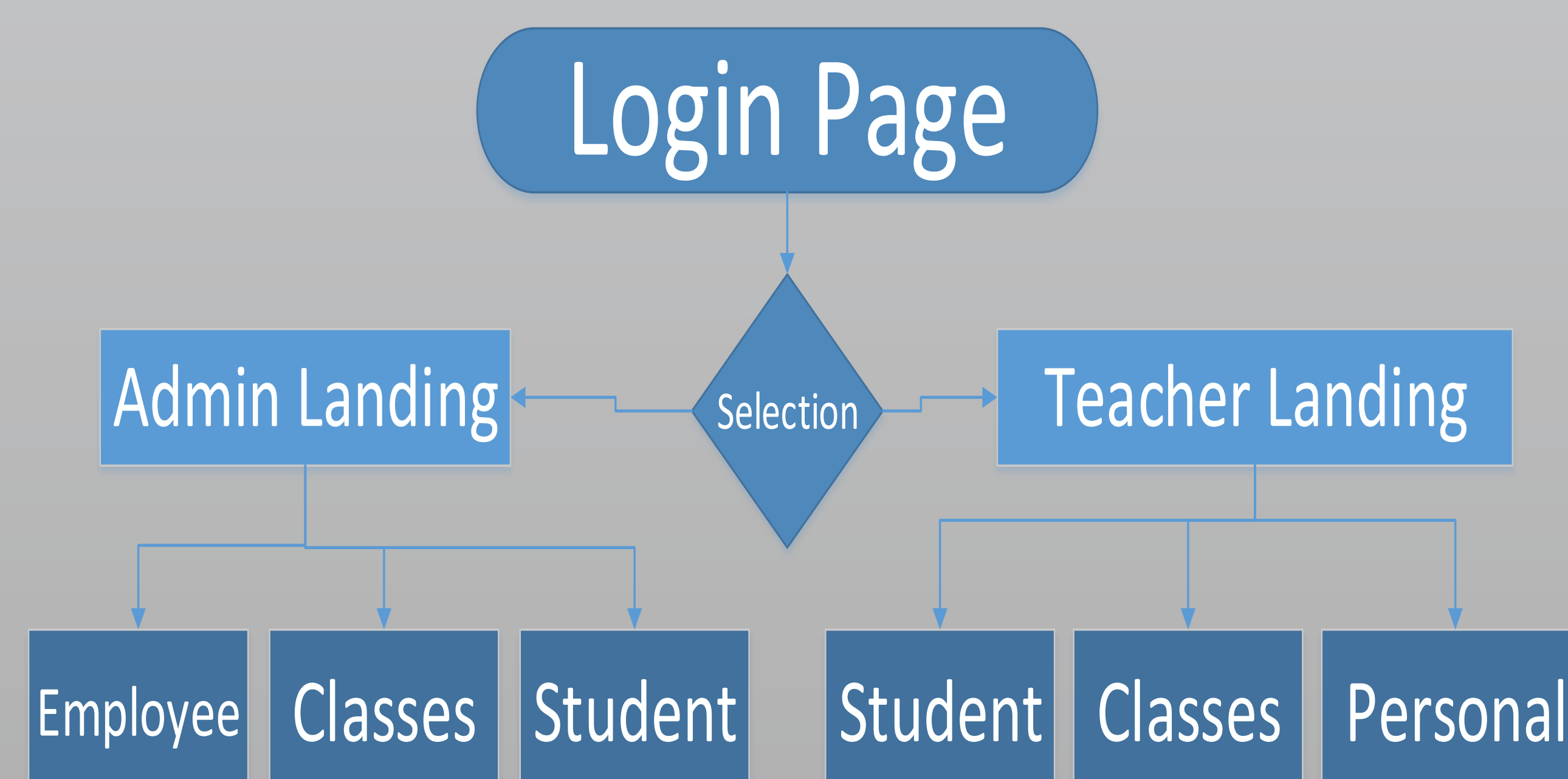
User Interface

The User Interface was created using PyQt 4. The overall goal was to create a simple yet effective user experience.

The screenshot displays three main components of the PyQt User Interface:

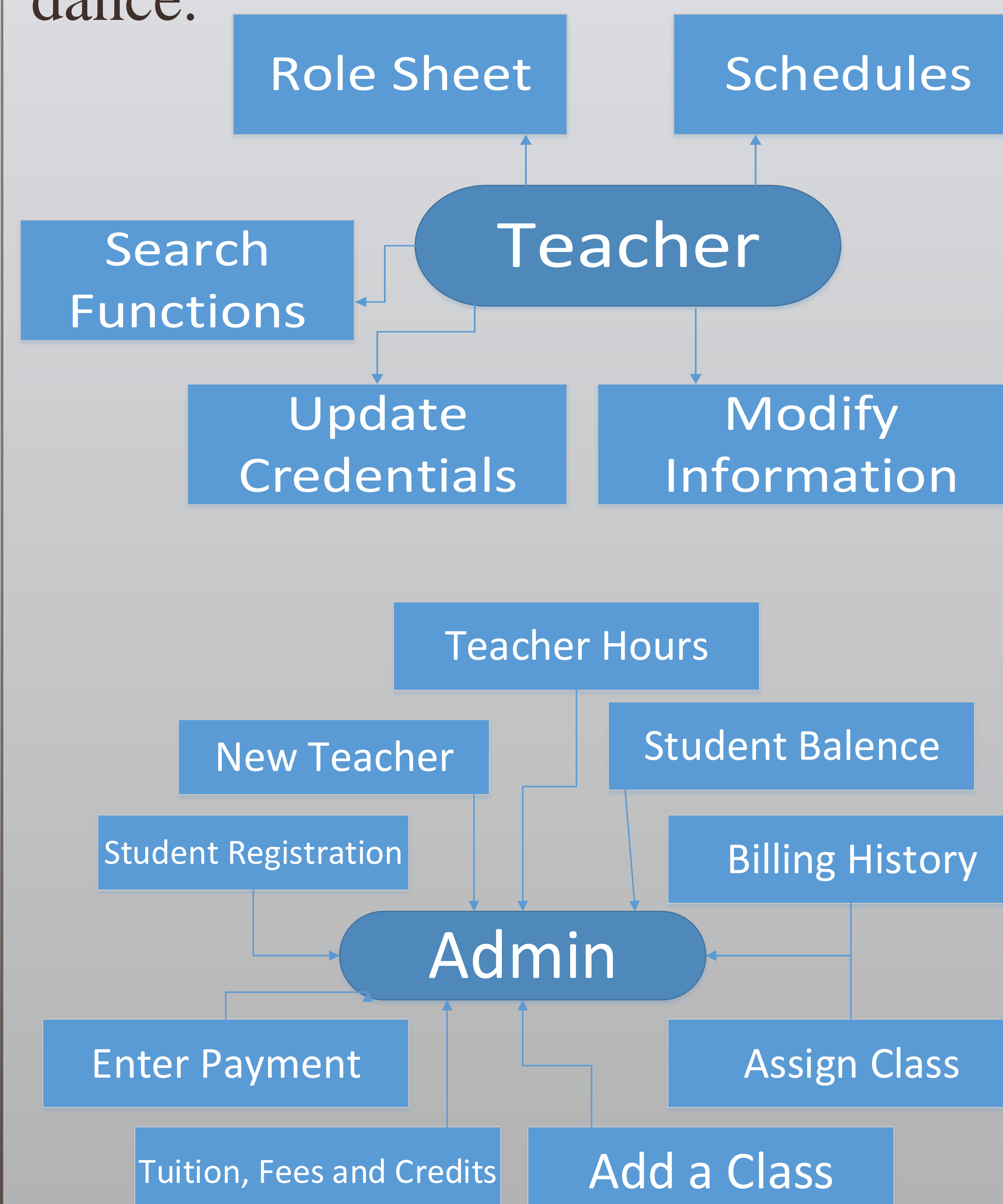
- Class List:** A table with columns: ID, Name, Cost, Start Time, End Time, Location, Capacity. It lists classes like Tap I, Jazz, Jazz II, Ballet I, Tap II, Me & My Tot, Kinderdance, and Kinderdance.
- Attendance Sheet:** A table with columns: ID, Name, Home Phone, Emergency Contact, Emergency Phone, and three months for attendance tracking. It lists teachers like Alice Corvin, Kate Logar, Petra Protzka, Tom Berger, and Tyler Cole.
- Tuition Description Form:** A form with a dropdown for "Tuition Description" (ranging from "More than 7 hrs/week" to "Up to 6 hrs/week"), a "Tuition Cost" field, a "Time" field, and buttons for "Add", "Update", "Remove", "Refresh List", and "Cancel".

Figure 1: PyQt Page Design



Project Overview

Our goal is to produce a simple and effective management tool to replace the outdated system currently in use at the Academy. This way the users spend less time at their computers, and more time teaching the wonders of dance.



Academy of Dance Arts

The Academy of Dance Arts located in Rapid City and Sturgis, provides classes in a variety of dance styles to students of all ages. These classes range from Early Childhood Programs and Classical Ballet, to Tap, Hip-Hop and Jazz.

The screenshot displays the Search Pages of the system, featuring a search form and a class list table.

Search Form: Includes a search bar with "Exact" and "Advanced Search" options, and a "Refresh" button.

Class List Table:

ID	Name	Cost	Start Time	End Time	Location	Capacity
1 1	Tap I	100	3:30:00 PM	4:30:00 PM	RC Dance Arts	23
2 2	Jazz	7	12:15:00 PM	2:15:00 PM	RC Dance Arts	25
3 3	Jazz II	7	2:15:00 PM	3:00:00 PM	RC Dance Arts	25
4 4	Ballet I	15	4:30:00 PM	5:30:00 PM	RC Dance Arts	25
5 5	Tap II	30	4:45:00 PM	5:30:00 PM	Rapid City	30
6 6	Me & My Tot	50	11:00:00 AM	11:30:00 AM	RC Dance Arts	15
7 7	Kinderdance	50	1:00:00 PM	2:00:00 PM	RC Dance Arts	15
8 8	Kinderdance	50	3:30:00 PM	4:30:00 PM	RC Dance Arts	15

Figure 2: Search Pages

Database

A MySQL database was used to effectively manage the system and the Academy's data.