**Team-1 - George Garrett, Jake Morris, James Pangia, Dennis Parkman, Zeenal Prajapati**

**Professor - Dr. Frank Richardson**

**Class - CSCI 4320**

**Back-end classes:**

|  |
| --- |
| StylistController |
| - \_logger: ILogger<StylistController> |
| + StylistController(ILogger<StylistController>)  + Post(Stylist stylist): void  + Get(): IEnumerable(Stylist) |

|  |
| --- |
| Stylist |
| + ID: int  + Name: string  + Level: int  + Bio: string |

|  |
| --- |
| SQLiteDbContext |
| - Stylists: DbSet<Stylist> |
| # OnConfiguring(DbContextOptionsBuilder): void  # OnModelCreating(ModelBuilder) |

|  |
| --- |
| SQLiteDBUtility |
| - dbContext: SQLiteDbContext  - isInitialized: bool |
| + InitializeDB(): void  + AddStylist(Stylist): void  + GetAllStylists():IEnumerable<Stylist> |

|  |
| --- |
| Program |
| + CreateHostBuilder(): IHostBuilder  + Main(): void |

|  |
| --- |
| Startup |
| + Startup(IConfiguration)  + Configure(IApplicationBuilder, IWebHostEnviornment): void  + ConfigureServices(IServiceCollection): void |

**Front-End Classes:**

|  |
| --- |
| AppComponent |
| - title: string |
| + constructor()  + ngOnInit(): void |

|  |
| --- |
| HomePageComponent |
| + constructor()  + ngOnInit(): void |

|  |
| --- |
| FooterComponent |
| + constructor()  + ngOnInit(): void |

|  |
| --- |
| Stylist |
| + ID: int  + Name: string  + Level: int  + Bio: string |

|  |
| --- |
| NavbarComponent |
| + contstructor()  + ngOnInit(): void |

|  |
| --- |
| StylistPageComponent |
| - stylists: Stylist[]  - bio: string  - name: string  - level: number  - addingStylist: boolean  - loadingFinished: boolean |
| + constructor()  + ngOnInit(): void  + showAddStylist()  + cancelAddStylist()  + clearFields()  + addStylist() |

|  |
| --- |
| StylistService |
| - baseURL: string |
| + constructor(HttpClient)  + addStylist(Stylist):void  + getStylists(): Observable<Stylist[]> |