CNIT 2720

Director’s Guild Association Database  
10/7/2022  
Phase 1

Team 13

Nelig Fernando

Cole Bryant

Noah Zhou

Krish Patel

Brayden Lingelbach

This database is being created for the Director’s Guild of America. They require a database to manage union membership activities, pension plans, as well as the many sponsor companies and their employees who have joined the Director’s Guild of America. This database will make managing these factors much easier than before and will benefit everyone involved. Everyone from sponsor companies, DGA employees, non-DGA employees who want to join a DGA company, and companies who want to hire DGA members will be able to utilize a streamlined application process to join the DGA. They also will be able to quickly fill out any necessary information in order to check eligibility for plans such as the DGA Choice health plan, the DGA Premier Choice health plan, or retirement pension plans. The database will be able to answer any questions such as ease of application, ease of accessing personal information whether it is a member or sponsor company, being able to easily apply through a computer instead of paper mail, and being able to manage other facets with a few mouse clicks

**Entities & Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MEMBERSHIP | | | | | | | | | | | | | | | | | | | | | | |
| MemberID | | Email | | | | LastName | | | | Password | | PaymentID | | | | PhoneNumber | | | | | FirstName | |
| Contribution | | | | | | | | | | | | | | | | | | | | | |
| PaymentID | | | | TotalAmount | | | | | ContributionRate | | | | DataReceived | | | | | SponsorID | | | |
| MEMBERSHIP\_REQUEST | | | | | | | | | | | | | | | | | | | | | |
| MemRequestID | | | | | Description | | | | | | MemberID | | | | | | RequestDate | | | | |
| DELETION\_REQUEST | | | | | | | | | | | | | | | | | | | | | |
| RequestID | | | | MemberID | | | | | Reason | | | | Description | | | | | RequestDate | | | |
| TRANSFER\_REQUEST | | | | | | | | | | | | | | | | | | | | | |
| TranRequestID | | | | MemberID | | | | | Reason | | | | Description | | | | | RequestDate | | | |
| PLAN\_REQUEST | | | | | | | | | | | | | | | | | | | | | |
| PlanRequestID | | | MemberID | | | | PlanID | | | | Reason | | | | Description | | | | RequestDate | | |
| PLAN | | | | | | | | | | | | | | | | | | | | | |
| PlanID | | | | | ProviderID | | | | | | Type | | | | | | Reward | | | | |
| ADMIN\_ACCOUNT | | | | | | | | | | | | | | | | | | | | | |
| AdminID | | | | Email | | | | | Password | | | | FirstName | | | | | LastName | | | |
| ID\_REQUEST | | | | | | | | | | | | | | | | | | | | | |
| IDRequestID | | | | AdminID | | | | | Description | | | | RequestDate | | | | | SponsorID | | | |
| SPONSOR\_ACCOUNT | | | | | | | | | | | | | | | | | | | | | |
| SponsorID | Password | | | | CompanyLLC | | | Company Name | | | IDRequestID | | | MemRequestID | | | TranRequestID | | | PlanRequestID | |
| PROVIDER | | | | | | | | | | | | | | | | | | | | | |
| ProviderID | | | | | | | ProviderName | | | | | | | | ProviderType | | | | | | |
| ELIGIBILITY | | | | | | | | | | | | | | | | | | | | | |
| EligibilityID | | | | | PlanID | | | | | | Type | | | | | | Required | | | | |
| CONDITION | | | | | | | | | | | | | | | | | | | | | |
| EligibilityID | | | | | Threshhold | | | | | | Description | | | | | | Reason | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attendance Table** | | | | |
| Name | Date | Duration | Method | Agenda |
| Nelig, Cole, Noah, Krish, Brayden | 09/28/2022 | 50 Mins | Teams | Start Logical ERD |
| Nelig, Cole, Noah, Krish, Brayden | 10/03/2022 | 1 HR | Teams | Work on Logical ERD |
| Nelig, Cole, Noah, Krish, Brayden | 10/06/2022 | 1 Hr 50 Mins | In-Person | Finish up Logical ERD, meeting with TA |
| Nelig, Cole, Noah, Krish, Brayden | 10/07/2022 | 45 Mins | Chat | Finish up Phase 1 Submission |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Contributions** | | | | | |
| Task | Nelig Fernando | Cole Bryant | Noah Zhou | Krish Patel | Brayden Lingelbach |
| Interpret Case Study | X | X | X | X | X |
| Create Entities | X | X | X | X | X |
| Create Attributes | X | X | X | X | X |
| Create Relationships | X | X | X | X | X |
| Create Attribute Types | X | X | X | X | X |
| Phase 1 Submission | X | X | X | X | X |

**Team 13 Contribution Explanations**

Nelig Fernando: Helped create entities and attributes, supportive role with relationships and attribute types, created description of database with input from team

Cole Bryant: Helped create relationships and attribute types, supportive role with entities and attributes, created entities and attributes table for Phase 1 submission with input from team

Noah Zhou: Helped create entities and attributes, supportive role with relationships and attribute types, created contributions with input from team

Krish Patel: Helped create relationships and attribute types, supportive role with entities and attributes, created attendance table with input from team

Brayden Lingelbach: Owner of ERD, created entities, attributes, attribute types, and relationships, created contribution explanations with input from team