

# **MENTAL HEALTH AND WELLBEING PLATFORM FOR EMPLOYEE CARE**

## **Milestone: Logical Model(Relational Model)**

Group 15  
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**Percentage of Effort Contributed by Student1: 100%**

**Percentage of Effort Contributed by Student2: 100%**

**Signature of Student 1: Mugdha Mishra**

**Signature of Student 2: Swetha Ganesh**

**Submission Date: 27 October 2024**

## Logical Model (Relational Model)

1. **Employee(Emp\_ID, Name, Age, Department, Job\_Title)**
  - Emp\_ID: Primary Key, NULL not allowed
  - On delete/update: cascade
2. **Employee\_Feedback(Feedback\_ID, Emp\_ID, Rating, Comments)**
  - Feedback\_ID: Primary Key, NULL not allowed
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed
  - On delete/update: cascade
3. **Wellness\_Program(Program\_ID, Description, Duration, Therapy\_Required, Type)**
  - Program\_ID: Primary Key, NULL not allowed
  - On delete/update: cascade
4. **Employee\_Wellness\_Program(Emp\_ID, Program\_ID)**
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed
  - Program\_ID: Foreign Key references Wellbeing\_Program(Program\_ID), NULL not allowed
  - Primary Key: (Emp\_ID, Program\_ID)
  - On delete/update: cascade
5. **Therapist\_Wellness\_Program(Therapist\_ID, Program\_ID)**
  - Therapist\_ID: Foreign Key references Therapist(Therapist\_ID), NULL not allowed
  - Program\_ID: Foreign Key references Wellbeing\_Program(Program\_ID), NULL not allowed
  - Primary Key: (Therapist\_ID, Program\_ID)
  - On delete/update: cascade
6. **Wellbeing\_Survey(Survey\_ID, Emp\_ID, Survey\_Type, Score, Survey\_Date, Location)**
  - Survey\_ID: Primary Key, NULL not allowed
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed
  - On delete/update: cascade
7. **Report(Report\_ID, Emp\_ID, Report\_Date, HR\_Evaluation, Recommendations, High\_Risk\_Employees)**
  - Report\_ID: Primary Key, NULL not allowed
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed
  - On delete/update: cascade
8. **WellbeingSurvey\_Aggregated\_In\_Report(Report\_ID, Survey\_ID)**
  - Report\_ID: Foreign Key references Report(Report\_ID), NULL not allowed
  - Survey\_ID: Foreign Key references Survey(Survey\_ID), NULL not allowed
  - Primary Key: (Report\_ID, Survey\_ID)
  - On delete/update: cascade

9. **HR\_System(HRSystem\_ID, Emp\_ID, HR\_System\_Name, Description, Integration\_Date)**
  - HRSystem\_ID: Primary Key, NULL not allowed
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed
  - On delete/update: cascade
10. **HR\_Acts\_On\_Report(HR\_System\_ID, Report\_ID)**
  - HR\_System\_ID: Foreign Key references HR\_System(HRSystem\_ID), NULL not allowed
  - Report\_ID: Foreign Key references Report(Report\_ID), NULL not allowed
  - Primary Key: (HRSystem\_ID, Report\_ID)
  - On delete/update: cascade
11. **Worklife\_Data(Worklife\_Data\_ID, Report\_ID, HRSystem\_ID, Engagement\_Level, Task\_Completion\_Rate, Absenteeism\_Days, Event\_Participation)**
  - Worklife\_Data\_ID: Primary Key, NULL not allowed
  - Report\_ID: Foreign Key references Report(Report\_ID), NULL not allowed
  - HR\_System\_ID: Foreign Key references HR\_System(HRSystem\_ID), NULL not allowed
  - On delete/update: cascade
12. **Time\_Flexibility\_Data(Worklife\_Data\_ID, Work\_Hours, Days\_Per\_Week)**
  - Worklife\_Data\_ID: Foreign Key references Worklife\_Data(Worklife\_Data\_ID), NULL not allowed
  - Primary Key: (Worklife\_Data\_ID)
  - On delete/update: cascade
13. **Job\_Satisfaction\_Data(Worklife\_Data\_ID, Overall\_Comments)**
  - Worklife\_Data\_ID: Foreign Key references Worklife\_Data(Worklife\_Data\_ID), NULL not allowed
  - Primary Key: (Worklife\_Data\_ID)
  - On delete/update: cascade
14. **Therapist(Therapist\_ID, Name, Specialization, Qualification, Experience, Availability, Therapy\_type\_offered)**
  - Therapist\_ID: Primary Key, NULL not allowed
  - On delete/update: cascade
15. **Therapy\_Location(Location\_ID, Location\_Name, Type, Address, Capacity, Availability)**
  - Location\_ID: Primary Key, NULL not allowed
  - On delete/update: cascade
16. **Session(Session\_ID, Emp\_ID, HRSystem\_ID, Session\_Date, Location\_ID, Type, Notes, Duration)**
  - Location\_ID: Foreign Key references Therapy\_Location(Location\_ID), NULL not allowed
  - Session\_ID: Primary Key, NULL not allowed
  - Emp\_ID: Foreign Key references Employee(Emp\_ID), NULL not allowed

- HR\_System\_ID: Foreign Key references HR\_System(HRSystem\_ID), NULL not allowed
  - On delete/update: cascade
17. **Therapist\_Session(Therapist\_ID, Session\_ID)**
- Therapist\_ID: Foreign Key references Therapist(Therapist\_ID), NULL not allowed
  - Session\_ID: Foreign Key references Session(Session\_ID), NULL not allowed
  - Primary Key: (Session\_ID, Therapist\_ID)
  - On delete/update: cascade
18. **Hospital\_Organization(Organization\_ID, Organization\_Name, Type, Location, Contact\_Info)**
- Organization\_ID: Primary Key, NULL not allowed
  - On delete/update: cascade
19. **Therapist\_Organization(Therapist\_ID, Organization\_ID)**
- Therapist\_ID: Foreign Key references Therapist(Therapist\_ID), NULL not allowed
  - Organization\_ID: Foreign Key references Hospital\_Organization(Organization\_ID), NULL not allowed
  - Primary Key: (Therapist\_ID, Organization\_ID)
  - On delete/update: cascade
20. **Online\_Survey(Survey\_ID, Platform\_Access\_Link, Time\_Limit)**
- Survey\_ID: Foreign Key references Wellbeing\_Survey(Survey\_ID), NULL not allowed
  - Primary Key: (Survey\_ID)
  - On delete/update: cascade
21. **In\_Person\_Survey(Survey\_ID, Facilitator\_ID, Location)**
- Survey\_ID: Foreign Key references Wellbeing\_Survey(Survey\_ID), NULL not allowed
  - Primary Key: (Survey\_ID, Facilitator\_ID)
  - On delete/update: cascade