Northeastern University

M365 TEAMS BACKUP PLATFORM

P3 - Final ERD – Logical Model Design

DAMG6210 - Database Management & Database Design

SPRING – 2024

GROUP – 7

TEAM MEMBERS

Divya SV (002209320)

Sai Spandana Inaparthy (002874281)

SaiCharanTej Katteboina (002816043)

Shikhar Patel (002273502)

Sourabh Kumar (002820396)

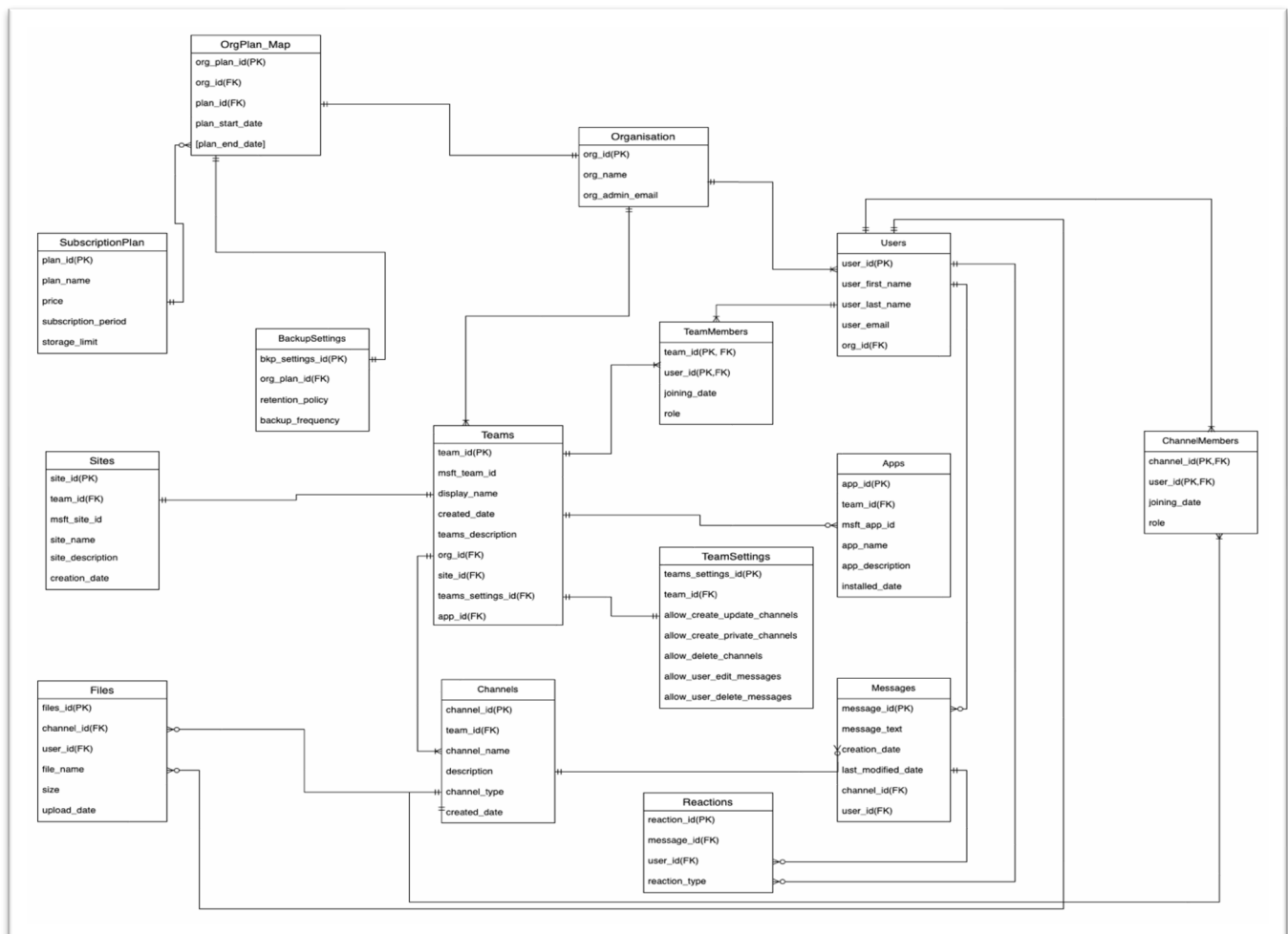**Under the guidance of**

Prof. Manuel Montrond

Feedback on P2:

- Are you not interested in capturing members of the channels?
- A user cannot send more than 1 message, 1 uploaded file, 1 reaction.
- Any user-to-user messaging stored?

Improvement based on feedback:

- Yes, we will capture channel members using a new entity called ChannelMembers.
- Yes, corrected the ERD, user can send Zero or more messages, file, and reactions.
- User to user messaging comes under private chat, we are backing up teams for now.
- Removed many to many relations between teams and users.
- No multivalued and composite attributes.
- We removed partial dependency by creating an entity called OrgPlan_Map.

Improved Conceptual Model

Final Logical ERD