

FEUPbook DB – Relational Model

MediaType [id || name | location]

CircleType [id || name]

MemberType [id || type]

Post [id || timest (NN) | message | #memberid → Member (NN)]

Media [id || name (NN, UK) | #typeid → MediaType (NN) | #postid → Post]

Member [id || name (NN) | email (NN, UK) | password (NN) | #membertypeid →

MemberType | #profilepic → Media]

Session [id || initials (NN) | finalts | #memberid → Member (NN)]

Circle [id || #typeid → CircleType (NN)]

Department [id || name (NN, UK) | initials (NN, UK) | circleid → Circle (NN, UK)]

Program [id || name (NN, UK) | initials (NN, UK) | #deptid → Department (NN) | #logo →

Media (UK) | circleid → Circle (NN, UK)]

Course [id || name (NN) | initials (NN) | year (NN) | semester (NN) | #progid → Program (NN) | circleid → Circle (NN, UK)]

Class [id || reference (NN) | #courseid → Course (NN) | circleid → Circle (NN, UK)]

Workgroup [id || reference (NN) | #classid → Class (NN) | circleid → Circle (NN, UK)]

PostedIn [#postid → Post | #circleid → Circle ||]

PartOf [#memberid → Member | #circleid → Circle ||]

Notification [id || readstatus (NN)]

Notifying [#notid → Notification | #memberid → Member ||]

Chat [id || #circleid → Circle (NN, UK)]

ChatEntry [id || timest (NN) | message (NN) | #chatid → Chat (NN)]