

Lösung der LNW

Die Lösung ist von folgendem Studenten geschrieben:

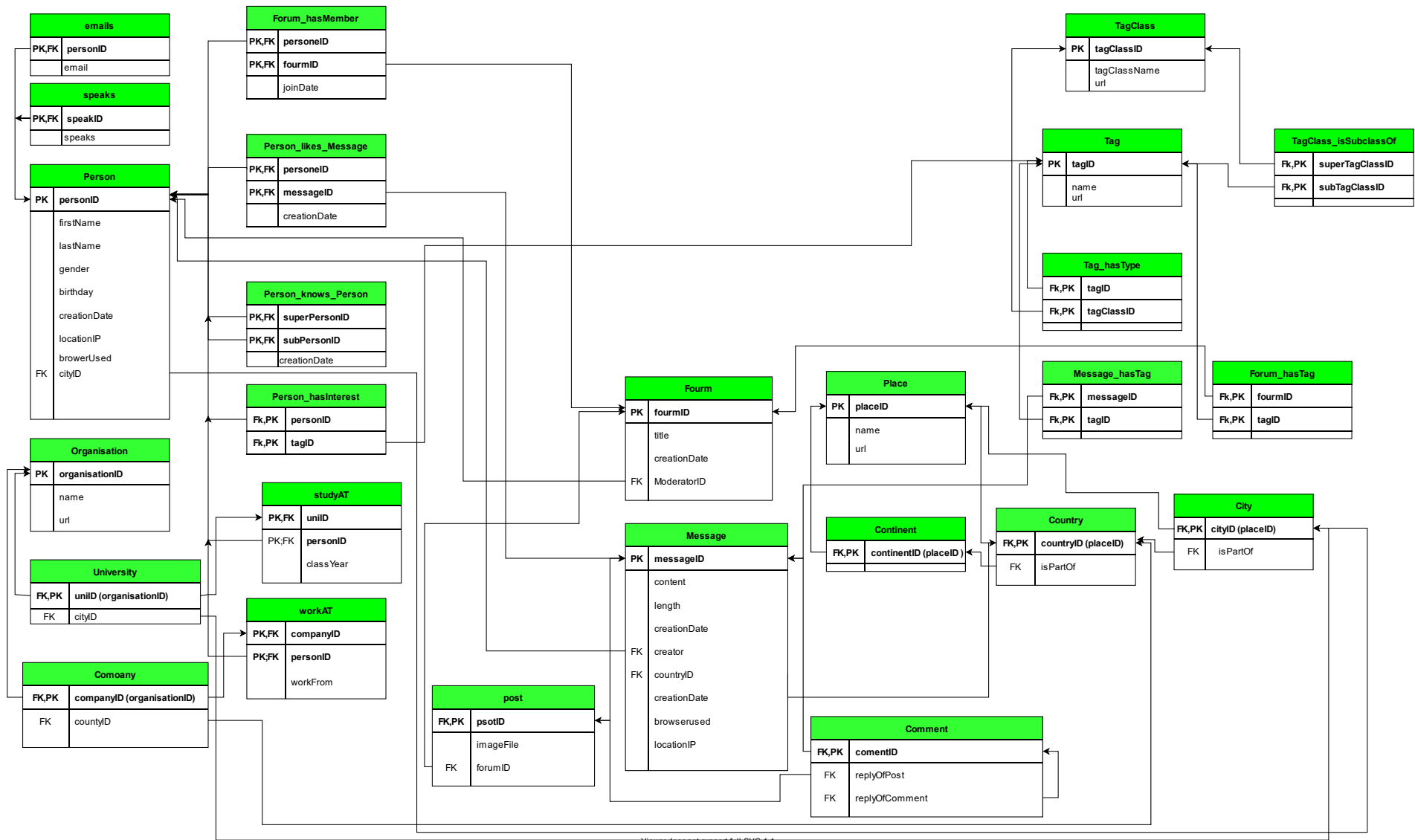
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Teil 1) a) Relationenmodell

- 1- tagClass (tagClassID, tagClassName, url)
- 2- tag (tagID, name, url)
- 3- tagClass_isSubclassof(superTagClassID → tagClass (tagClassID), subTagClass → tag (tagID))
- 4- tag_has_Type(tagID → tag(tagID), tagClassID → tagClass(tagClassID))
- 5- place(placeID, name, url)
- 6- continent(continentID → place(placeID))
- 7- country(countryID → place(placeID), isPartOf → continent(continentID))
- 8- city(cityID → place(placeID), isPartOf country(countryID))
- 9- person (personID, firstName, lastName, gender, birthday, creationDate, locationIP, browserUsed, cityID → city(cityID))
- 10- emails(personID → person(personID), email)
- 11- speaks (speaksID → person(personID), speaks)
- 12- forum(forumID, title, creationDate, moderatorID → person(personID))
- 13- message(messageID, content, length, creator → person(personID), countryID → country(countryID), creationDate, browserused, locationIP)
- 14- post(postID → message(messageID), imageFile, forumID → forum(forumID))
- 15- comment(commentID → message(messageID), replyOfPost → post(postID), replyOfComment → comment (commentID))
- 16- message_hasTag(messageID → message"(messageID), tagID → tag(tagID))
- 17- forum_hasTag(forumID → forum(forumID), tagID → tag(tagID))
- 18- forum_hasMember(personID → person(personID), forumID → forum(forumID), joinDate)
- 19- person_likes_Message(personID → person(personID), messageID → message"(messageID), creationDate)
- 20- person_knows_Person(super_personID → person(personID), sub_personID → person(personID), creationDate)
- 21- Person_hasinterest(personID → person(personID), tagID → tag(tagID))
- 22- organisation(OrganisationID, name, url)
- 23- university(uniID → Organisation(OrganisationID), cityID → city(cityID))
- 24- company(companyID → Organisation(OrganisationID), countryID → country(countryID))
- 25- studyAT(personID → person(personID), uniID → university(uniID), classYear)
- 26- workAT(personID → person(personID), companyID → company(companyID), workFrom)



Die Lösung der nächsten Aufgaben steht in „sql“ Ordner