Project Phase 2: Normalization

Casey McGuire and Joshua Nance

April 13, 2015

1

FD(User) {
$email \rightarrow password, name$
}

FD(Post) {
$postID \rightarrow email, title, date, content$
}

FD(Comment) {
$commentID \rightarrow date, time, content, postID, email$
}

FD(Follows) {
$followerID, followedID \rightarrow followerID, followedID,$
$followerID \rightarrow followedID,$
$followedID \rightarrow followerID$
}

2

Because the left-hand side of each functional dependency is a superkey of the respective relation, the schema is already in BCNF and does not require decomposition. Since our schema was not updated, we chose not to include another representation of it here.