

Entities: USER, REVIEWS, BUISNESS, BUISNESS-CATEGORY

Sub-classes: Recommended and Not-Recommended

User: {Degree: 10}

User_ID (Primary key), f_name(single-valued), l_name(single-valued), email (Atomic), Gender(Atomic-M/F), birthdate (Composite-day, month, year), Age(derived), profile_pic(single-valued), birthplace (Composite-city, state, zip), friends_ID (Multivalued & foreign key).

Review: {Degree: 6}

Review_ID (Primary Key), Review Content (Atomic-text/photo), Rating (Atomic-1....10), Author (Single-valued), Publish-Date (Composite), User_ID (Multivalued & foreign key).

Business: {Degree: 6}

Buisness_ID (Primary Key), Name (single-valued), Address (Composite), Phone-no (Composite), Review_count (Derived) and RR_content (foreign key).

Business Category: {Degree: 3}

Bc_id (Primary Key), Bc_name (single-valued), Category_type(Restaurant, Music, Department)

Photo: {Degree: 5}

P_id(Primary key), Author(single-valued), Description(single-valued), Location(Composite), User_Id (foreign-key)