**ACTORS**

* C – LEVEL:
  + - NAME
    - SURNAME
    - PICTURE (OPTIONAL, URL)
    - POSTAL ADDRESS (OPTIONAL)
    - PHONE NUMBER (OPTIONAL). Sequences of digits that may optionally start with a +.
    - EMAIL ADDRESS
  + ADMINISTRATORS
  + USERS
    - FOLLOWED USER (COLLECTION) (PUNTO 5.2)
      * ONE TO MANY (ROUTE)
      * ¿ONE TO MANY (USER)? (PUNTO 5.2)
* B – LEVEL:
  + USER
    - * ONE TO MANY (CHIRP)
      * ONE TO MANY (COMMENT)
* A – LEVEL:
  + INNKEEPER
    - * ONE TO MANY (INN)

**OTHER CLASSES:**

* C – LEVEL:
  + ROUTE
    - NAME
    - LENGTH
    - DESCRIPTION
    - PICTURE (COLLECTION,URL)
    - HIKE (COLLECTION)
      * ONE TO MANY (HIKE)
* HIKE
  + NAME
  + LENGTH
  + ORIGIN CITY
  + DESTINATION CITY
  + DESCRIPTION
  + PICTURE (COLLECTION,URL)
  + DIFFILCULTY LEVEL (ENUM: EASY, MEDIUM, DIFFICULT)
    - MANY TO ONE (ROUTE)
* B – LEVEL:
  + CHIRP
    - POST TIME (MOMENT)
    - TITLE
    - DESCRIPTION
      * MANY TO ONE (USER)
* COMMENT
  + WRITE MOMENT
  + TITLE
  + TEXT
  + PICTURES (COLLECTION, OPTIONAL, URL)
  + RATE (RANGE: 0-3)
    - MANY TO ONE (USER)
    - MANY TO ONE (ROUTE)
    - MANY TO ONE (HIKE)
* ROUTE
  + - ONE TO MANY (COMMENT)
* HIKE
  + - ONE TO MANY (COMMENT)
* A – LEVEL:
  + INN
    - NAME
    - BADGE
    - ADDRESS (STREET, NUMBER AND CITY)
    - PHONE NUMBER
    - EMAIL (OPTIONAL)
    - WEB SITE (OPTIONAL)
    - CREDIT CARD (MANDATORY)
      * MANY TO ONE (INNKEEPER)

**REPOSITORIES, SERVICES AND VIEWS:**

* C – LEVEL:
  + NONAUTH:
    - CREATE (USER)
    - LIST (ROUTE)
* LIST (USER)
  + DISPLAY (USER) -> PERSONAL DATA AND LIST OF ROUTES REGISTERED.
* SEARCH ROUTES (PUNTO 3.3)
* SEARCH ROUTES (PUNTO 3.4)
* SEARCH ROUTES (PUNTO 3.5)
* AUTHENTICATED:
  + SAME AS NONAUTH EXCEPT CREATE USER.
* USER:
  + CREATE, EDIT, DELETE AND LIST OWN ROUTES.
  + FOLLOW/UNFOLLOW OTHER USERS.
  + LIST FOLLOWED USERS.
  + LIST USERS WHO FOLLOW THE USER.
* ADMINISTRATOR:
  + DELETE ROUTE (BORRAR EN CASCADA LOS HIKES)
  + DISPLAY A DASHBOARD (SEE THE 6.2)
* B – LEVEL:
* USER:
  + CREATE (CHIRP) EDIT AND DELETE IS NOT AVAILABLE.
  + DISPLAY (CHIRP) WITH SOME CONDITIONS (SEE 15.2)
* ADMINISTRATOR:
  + CREATE, EDIT AND DELETE A LIST OF TABOO WORDS.
  + LIST (CHIRP) WITH TABOO WORDS.
  + DELETE (CHIRP)
  + LIST (COMMENT) WITH TABOO WORDS.
  + DELETE (COMMENT)
  + DISPLAY A DASHBOARD (SEE 16.6)
* A – LEVEL:
  + NONAUTH:
    - LIST (INN) WHILE CREDITS CARDS ARE NOT EXPIRED.
  + INNKEEPER:
    - ¿SEE (21.1)?
* ADMINISTRATOR:
  + DISPLAY A DASHBOARD (SEE 22.1)

**NON – FUNCTIONAL:**

* C – LEVEL (SEE 7 TO 12) EL PUNTO 12 ES EXTRAÑO, ECHARLE UN OJO
* B – LEVEL: TABOO WORDS BY DEFAULT ARE SEX, VIAGRA, CIALIS.
* A + LEVEL (SEE 23,24, 25)