


Model Data Structure #12

Edit New issue

 Closed ppyordanov opened this issue on Oct 14, 2014 · 4 comments

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🔔

PY

ppyordanov commented on Oct 14, 2014

Generate structure for the data models.

📌 PY ppyordanov added this to the **Mobile Web Application** milestone on Oct 14, 2014

👤 PY ppyordanov self-assigned this on Oct 14, 2014

PY

ppyordanov commented on Oct 19, 2014

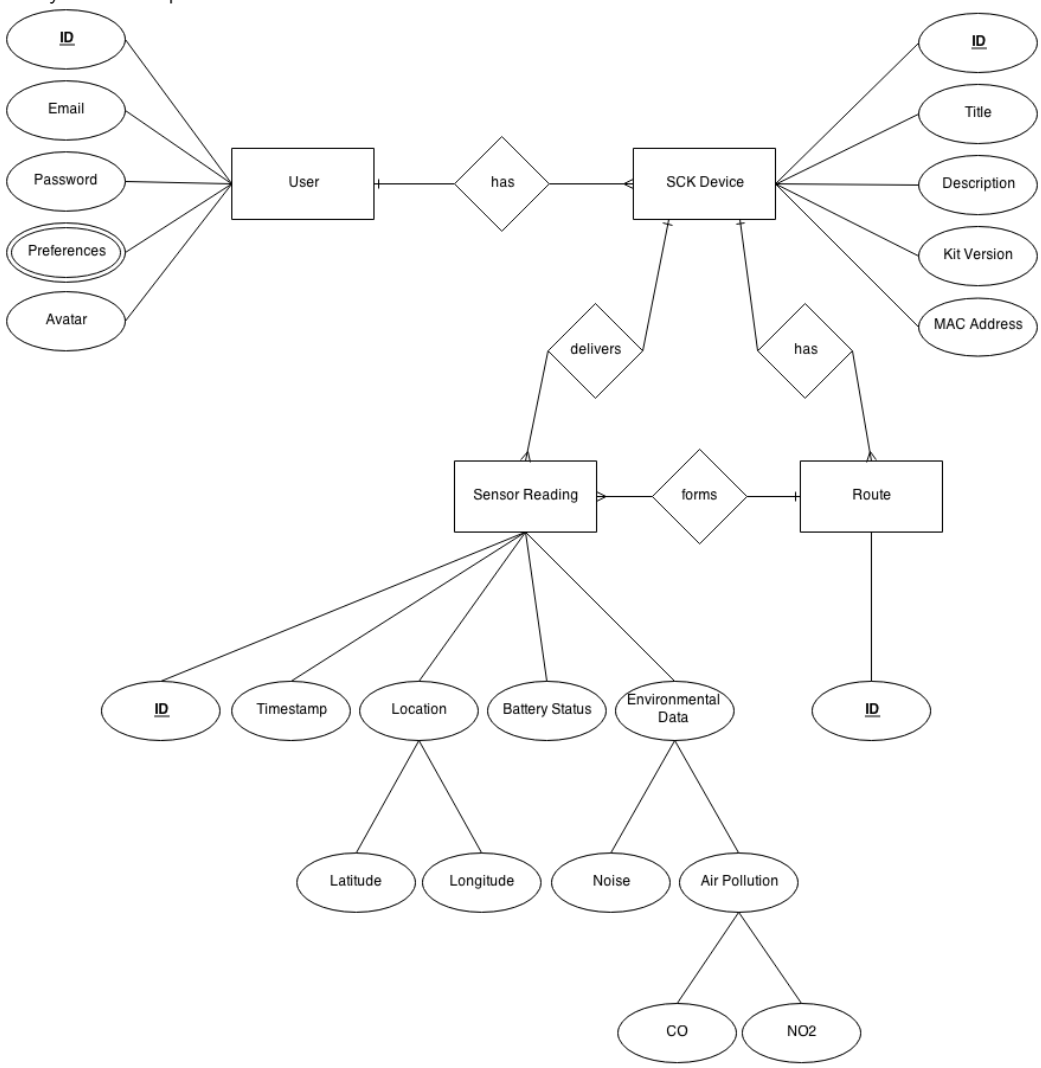
Relevant commits:

9539Fd1

PY

ppyordanov commented on Oct 19, 2014

Entity-relationship model:



```
graph TD
    User[User] -- has --> SCK_Device[SCK Device]
    SCK_Device -- delivers --> Sensor_Reading[Sensor Reading]
    SCK_Device -- has --> Route[Route]
    Sensor_Reading -- forms --> Route
    Sensor_Reading --> ID1((ID))
    Sensor_Reading --> Timestamp((Timestamp))
    Sensor_Reading --> Location((Location))
    Sensor_Reading --> Battery_Status((Battery Status))
    Sensor_Reading --> Environmental_Data((Environmental Data))
    Location --> Latitude((Latitude))
    Location --> Longitude((Longitude))
    Environmental_Data --> Noise((Noise))
    Environmental_Data --> Air_Pollution((Air Pollution))
    Air_Pollution --> CO((CO))
    Air_Pollution --> NO2((NO2))
    Route --> ID2((ID))

    User --- ID3((ID))
    User --- Email((Email))
    User --- Password((Password))
    User --- Preferences((Preferences))
    User --- Avatar((Avatar))
    SCK_Device --- ID4((ID))
    SCK_Device --- Title((Title))
    SCK_Device --- Description((Description))
    SCK_Device --- Kit_Version((Kit Version))
    SCK_Device --- MAC_Address((MAC Address))
```

Labels

None yet

Milestone

Mobile Web Applic...

Assignee

PY ppyordanov

Notifications

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1 participant

PY

🔒 Lock issue


🔒 PY ppyordanov closed this on Oct 19, 2014


•  ppyordanov reopened this on Oct 19, 2014

🔖  ppyordanov referenced this issue from a commit on Oct 19, 2014


🔗  [MODELS] #12 created classes for models

9be9c2c

🔖  ppyordanov referenced this issue from a commit on Oct 19, 2014


🔗  [MODELS] #12 Created stub model for user and implemented Device model


78959bd

🔖  ppyordanov referenced this issue from a commit on Oct 19, 2014

🔗  [MODELS] #12 added Route model

8a6cb1d

🔖  ppyordanov referenced this issue from a commit on Oct 19, 2014

🔗  [MODELS] #12 added DataReading model for single sample data storage

30104a2

PY

ppyordanov commented on Jan 21



As the plan was to use smartcitizen.me authentication validation mechanisms, such as OAuth, the authentication mechanism is not clear at this stage. Anonymous data gathering is a possible option.

PY

ppyordanov commented on Jan 21



This task has been completed and can be closed now.

🔒  ppyordanov closed this on Jan 21

PY

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