SCRUM

Backlog - User Stories

- As an administrator, I want a to be able to use VNC from my computer to the Raspberry PI, so that I can administrate it from my computer.
- As an administrator, I want a new installation of NOOBS on the Raspberry PI, so that I can run different apps on it.
- As an administrator, I want a new installation of MySQL on the Raspberry PI, so that I can host and use databases.
- As an administrator, I want 2 new users on the on the Raspberry PI, so that I can login in as different users.
- As an administrator, I want it to be possible to access the Raspberry PI using FTP(S), so that I can connect to it and run different commands.
- As a user, I want to be able to define a message there show up on the sense Hat display, so that I can use it for communication.
- As a user, I want to connect to the MySQL server using MySQL Workbench on my computer, so that I can administrate the MySQL server from my pc.
- As an administrator, I want it to be possible to access the Raspberry PI using SSH, so that I can connect to it and run different commands.
- As a user, I want a 3D printed case for the Raspberry PI, so that it is better protected.
- As an administrator, I want it to install the Raspberry PI Sense Hat, so that I can use the different censors.
- As an administrator, I want it to store censor data in as MySQL database, so that I can use the data for different analyses.
- As a user, I want to see the temperature in Celsius degrees, so that I can analyze the data.
- As a user, I want to see the Humidity, so that I can analyze the data.
- As a user, I want to see the Barometric pressure, so that I can analyze the data.
- As an administrator, I want the Raspberry PI connected to the internet, so that I can connect to it and download files, programs, etc.
- As an administrator, I want it to install the Raspberry PI Sense Hat, so that I can use the different censors.
- As a user, I want to connect to the MySQL censor database using Excel or similar spreadsheet, so that I can analyze the data.
- As an administrator, I want it to create a dashboard, so that I can see the different censor data in a nice layout.
- As an administrator, I want to be able to create programs in Python 3, so that I can automate different tasks.
- As a user, I want to use Flask and Python 3 on the Raspberry PI to show censor data on a web pages, so that I communicate the data to other employees.
- As an administrator, I want it to connect my Raspberry PI to Azure IoT Hub to store the censor data, so that I have the data in the cloud.
- As a user, I want to use Flask and Python 3 on the Raspberry PI to create web pages, so that I can a web page.