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fake news detection

**SCRUM MODEL OF THE PROJECT**

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| **S.NO** | **NAME** | **ROLE** |
| **1.** | **Mr.JUSTIN G RUSSEL** | **SCRUM MASTER** |
| **2.** | **Mrs. NEETHU MOHAN** | **INTERNAL GUIDE** |

**SCRUM TEAM**

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| **S.NO** | **NAME** | **GITHUB** |
| **1.** | **SREENA VR** | **Sreenavr** |
| **2.** | **MARY BIANCA JERALD** | **biancaj123** |

**SCRUM MASTER**

* Scrum master is **Mr. JUSTIN G RUSSEL** (Associate Professor of MCA, LMCST)
* Approved project name: FAKE NEWS DETECTION
* REVIEW 1 : **08/08/2019**
* REVIEW 2 : **20/08/2019**
* A power point about system study.

**SCRUM TEAM**

* Project’s abstract submitted on first review (08/08/2019).
* Existing and proposed system study submitted on review 2 (20/08/2019).
* Presentation about system study sends to the scrum master.
* There are 5 modules in this project.
* Each module is being developed in parallel.

**PRODUCT BACKLOG**

To create research project which facilitates the fake activity taking place in text data and images based on Python platform using Model View Control Architecture by,

* Creation of work area and roles and project.
* Adding modules and adding test cases.
* Developing module contents and test the module.

**SPECIFICATIONS**

**Software Requirements**

* Operating system: Windows 10
* Front end:
* Back end:
* Environment: Python IDLE 2.7.15

**Hardware Requirements**

* Processor: Intel i3
* RAM: 4 GB
* Hard disk: 160 GB
* Monitor: 19 inch
* CD Drive: 52x Optical Drive
* Keyboard: 108 keys

**DAILY SPRINT**

**DAY 1**

Team has been formed with two members.

**DAY 2**

Topic Submitted to the Scrum Master.

**DAY 3**

Topic approved by Scrum Master.

**DAY 4**

Created Git Hub account and abstract is submitted.

**DAY 5**

Learned basics of Python.

**DAY 6**

Learned what are the technologies used in ML.

**DAY 7**

Studied about how ML and Python are interrelated and how they are implemented together.

**DAY 8**

Installed python and set the path using environmental variable.

System settings--Advance System settings—Environmental variable—Path

**DAY 9**

Installed IDE(Anaconda 3) package of ML ,also installed XAMPP and also get to know about CSV Comma Separated Value.

**DAY 10**

Practiced various python programs.

**DAY 11**

Planned overall module and its working process. Total 5 modules included in this project. The modules are:  
 1. Dataset Collection

2. Preprocessing

3. Training

4. Testing and Predicting

5. Evaluation / Comparing of Models

**DAY 12**

Collected different kinds of images and texts for the first module

Dataset Collection and stored it for further use.

**DAY 13**

Created second module Preprocessing and using dataset collection as input preprocessed all the data using preprocessing techniques.

**DAY 14**

Created a repository in github account and added all the data till the

last work.

**DAY 15**

Documentation started.

**DAY 16**

Created third module Training were trained our machine using input and output data for self-learning of machine itself.

**DAY 17**

Created the next module Testing and Predicting, where testing is done using Trained input data. Predicts the best input to get the best output.

**DAY 18**

Description of each test has been completed

**DAY 19**

Continued Testing process using different kinds of data, such as black box and white box testing

**DAY20**

Quality assurance successfully performed

**DAY 21**

Added all the updates to the github repository.

**DAY 22**

Created final module Evaluation/ Comparing using input data which is tested, trained and preprocessed.

**DAY 23**

In last module Compared each trained data with new data and Evaluated accuracy, integrity and performance of data.

**DAY 24**

Testing the entire system.

**DAY 25**

Documentation completed.