Log files with supervisor:

Frequently meeting was done with the supervisor and reader but only in main 10 meetings log file is prepared with supervisor and 5 with reader since other meeting was hovering on the same topic to upgrade the system, reduce the error and increase explanation and format. All ten logs are given below:

Meeting with supervisor:

Faculty of Science and Engineering
School of Mathematics and Computer Science

UNIVERSITY OF
WOLVERHAMPTON

1

PROJECT MANAGEMENT LOG

First Name: Prakash Dahal   Surname: Krishna Aryal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Research on the topic: Saver App
All findings.

What do you aim to complete before the next meeting?

Detail project plan

Supervisor comments:

It is difficult to define a critical or difficult
situation. The idea has to be modefied or
changed.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2018/11/23

Supervisor Signature: _____   Date: 2018/11/23

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School of Mathematics and Computer Science

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2

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Selection of New topic : Emotion Detection from
                                    Voice
Research & findings

What do you aim to complete before the next meeting?

Project planning

Supervisor comments:

1) - Selected topic is ok.
2) - Research on the topic is not sufficient.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2018/12/02

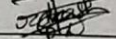Supervisor Signature: _____   Date: 2018/12/02

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Research for the classification problem.
Planning for the project development

What do you aim to complete before the next meeting?

Starting actual development.

Supervisor comments:

1) Try to find specific and related paper and
solution. The classification of image and emotion
from speech are different.
2) Research on Algorithm suitable for speech class-
ification

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/1/13

Supervisor Signature: _____   Date: 2019/1/13

Faculty of Science and Engineering
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PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

KNN algorithm is selected for speech classification.

Feature from speech (MFCC) is extracted. Extracted feature is in complex format and in exponential which is creating problem.

What do you aim to complete before the next meeting?

Train model using KNN algorithm.

Supervisor comments:

1) Try to clean data before saving it to csv file.

2) Convert complex number in readable format. Eg: (3,5) → seperate real and imag number.

We confirm that the information given in this form is true, complete and accurate.
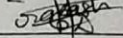
Student Signature: _____   Date: 2019/2/18

Supervisor Signature: _____   Date: 2019/2/18

Faculty of Science and Engineering
School of Mathematics and Computer Science

5

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

From the MFCC features, mean value is selected and training is done.

What do you aim to complete before the next meeting?

I will try to use different other features to train.

Supervisor comments:

1) Try to increase your accuracy more than 70%.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/3/25

Supervisor Signature: _____   Date: 2019/3/25

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Only Mean value is taken from MFCC.
13 MFCC are taken and each MFCC mean
values are used for training.
~~Is this ok~~
Can you guide me further?

What do you aim to complete before the next meeting?

Complete AI part.

Supervisor comments:

1) Mean feature is ok
2) Try to include other features
3) Take some statistical data to increase your performance.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/3/29

Supervisor Signature: _____   Date: 2019/3/29

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School of Mathematics and Computer Science

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PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal.

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Mean and standard deviation is used. It has increased the accuracy to 76%. int

What do you aim to complete before the next meeting?

Complete training and evaluation.

Supervisor comments:

1) Good progress of increasing accuracy.
2) Try to use other algorithms, apart from kNN so that you can compare.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/10

Supervisor Signature: _____   Date: 2019/4/10

Faculty of Science and Engineering
School of Mathematics and Computer Science

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PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Decision tree and SVM algorithm has been used. The accuracy is comparatively low.

What do you aim to complete before the next meeting?

Evaluation

Supervisor comments:

1) Less accuracy does not matter, try to compare different algorithms for your problem.

2) ANN can be better algorithm, so try to implement it.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/15

Supervisor Signature: _____   Date: 2019/4/15

Faculty of Science and Engineering
School of Mathematics and Computer Science

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WOLVERHAMPTON

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

ANN has been used, the accuracy depends on the epoch, learning rate and other hyper-parameters.

Problem in integration of Model in Django.

What do you aim to complete before the next meeting?

Model integration in Django framework.

Supervisor comments:

1) Use RESTful Api to take data from your trained model.

2) Justify why Django is selected.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/18

Supervisor Signature: _____   Date: 2019/4/18

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School of Mathematics and Computer Science

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PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Supervisor: Krishna Aryal

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Directly saved .sav model is used in Django. So, RESTful Api is not used.

What do you aim to complete before the next meeting?

Complete Development.

Supervisor comments:

1) If model is working fine, then its ok.
2) Make simple UI for your project.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/23

Supervisor Signature: _____   Date: 2019/4/23

Meeting with Reader

Faculty of Science and Engineering
School of Mathematics and Computer Science

UNIVERSITY OF
WOLVERHAMPTON

1

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 18828421   Reader: Rupak Koirala.

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Report started and completed:
- introduction
- Academic Question
- Literature Review

What do you aim to complete before the next meeting?

Artefact Development

Reader comments:

i) Compare other literature review with your's project.

ii) Try to include mathematical explaination of (models)

We confirm that the information given in this form is true, complete and accurate.
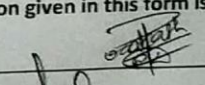
Student Signature: _____   Date: 2019/4/12

Reader Signature: _____   Date: 2019/4/12
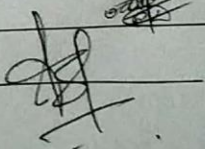
PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Reader: Rupak Koirala

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Improved Literature Review
Artefact Development

What do you aim to complete before the next meeting?

Artefact development (improving)

Reader comments:

i) Focus on your testing and increase your testing.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/21

Reader Signature: _____   Date: 2019/4/21

Faculty of Science and Engineering
School of Mathematics and Computer Science

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3

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Reader: Rupak Koirala

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Artefact Development

What do you aim to complete before the next meeting?

Tools and Technique

Reader comments:

i) Justify why you choose development method as evolutionary prototyping.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/4/25

Reader Signature: _____   Date: 2019/4/25

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UNIVERSITY OF
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4

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Reader: Rupak Koirala

Project Title: Emotion Decion from Voice   Month:

What have you done since the last meeting?

Tools and Technique
Conclusion and Future Work
Answer of Academic Question

What do you aim to complete before the next meeting?

Critical Evaluation

Reader comments:

i) Justify why ~~tools~~ these tools are selected.

ii) Complete your report.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/5/1

Reader Signature: _____   Date: 2019/5/1

PROJECT MANAGEMENT LOG

First Name: Prakash   Surname: Dahal

Student Number: 1828421   Reader: Rupak Koirala

Project Title: Emotion Detection from Voice   Month:

What have you done since the last meeting?

Tools and Technique justified
Critical Evaluation

What do you aim to complete before the next meeting?

Reader comments:

i) Overall work is ok

ii) Try to make your report rich.

We confirm that the information given in this form is true, complete and accurate.

Student Signature: _____   Date: 2019/5/2

Reader Signature: _____   Date: 2019/5/2