Software Engineering

Testimonials

GROUP - Club_Elite

IIT2018114 - Harsh Goyal
IIT2018144 - Aaditya Gadhave
IIT2018149 - Sourabh Gupta
IIT2018158 - Meet Singh Gambhir
IIT2018159 - Tushar Atrey

Instructor - Amit Kumar, Ashutosh Kumar

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Indian Institute of Information Technology, Allahabad, Prayagraj.

WHAT DOES OUR CUSTOMERS SAY?

Customers Testimonials

The sincerity of the team is reasonable..they were working swiftly towards implementing the requirements..I was happy to see the progress ....however due to covid outbreak we could not achieve our goals properly…

- **Amit Kumar**

Feedback from Minutes of Meetings Conducted
A. Meeting 1: 20 January 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
  ➢ Briefing on the manner of working.
  ➢ Introduction to research paper and bugzilla.
  ➢ The instructor was informed about the heterogeneous network and its advantages over homogeneous networks.
  ➢ Instructor explained the different types of meta paths with the help of the author and research paper example.
  ➢ The instructor shows us the site bugzilla and tells us how it works.
  ➢ An overview of the dataset on which the work is to be done was given.
  ➢ Team is required to download the dataset and familiarize with it thus setting the environment of the project.
  ➢ The team is required to study the research papers on heterogeneous graph networks.(to be circulated by the instructor).

B. Meeting 1: 29 January 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
- ➤ Instructor explained the different type of meta paths with the help of author and research paper example
- ➤ Instructor assigned the task i.e identifying the relationship among the bugs over the heterogeneous network using statistics ,algorithms, testing sets etc.
- ➤ Team is required the find the meta paths between the bugs
- ➤ In this stage of the project the direct paths relating to the bugs and enhancing their similarities . such as bug - file -bug , bug -comment - bugs , etc were needed to be calculated , and keep their account.

C. Meeting 1: 03 February 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
- ➤ Count of meta paths.
- ➤ Count the path that exists between bugs using algorithms like bfs or dfs.
- ➤ Instead of counting the path between two bugs we have counted the path that exists from one bug so the instructor has said it has to be corrected till the last meeting.
- ➤ Count the path of all types (in terms of related) that exists between two bugs.

D. Meeting 1: 10 February 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
- ➤ How to make sample graph on complex meta paths
- ➤ Introduction to symmetric and asymmetric meta paths
- ➤ Working on Hadoop database
- ➤ Team is required to make a table in which we have to store the count of different kinds of meta paths between two bugs which was reported between 2010 and 2013(Training Data).
- ➤ Team is required to make another table in which we have to store the count of all kinds of meta paths between the two bugs(one bug was reported between 2010 and 2013 and one bug was reported between 2014 and 2015 (Testing Data).

E. Meeting 1: 19 February 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
- ➤ Main agenda of this meeting was B - T - B metapath
- ➤ Introduction to stemming and lemmatization
- ➤ Instructor introduces us to Word n-gram , character n-gram and topic modeling.
- ➤ Introduction to NLTK toolkit

F. Meeting 1: 4 March 2020

Meeting with Mr. Amit Kumar. Following feedback was recorded
- ➤ Getting familiar with Gensim , LDA++ and Mailet tools used for topic modeling
- ➤ Introduction to WEKA and ARFAA file
- ➤ Making the corpus and training the data
- ➤ Instructor told us to divide the data into two parts : I) training data (70%) (II) testing data (30%)
- ➤ Instructor told us how to train our data and how to test whether it is working correct or not
- ➤ Instructor assigned the task i.e to make the table in which rows will be the pairs of bugs and in columns there will be different kinds of paths(mentioned in the meeting) . Each index value means the competitive measures between a bug pair.
- ➤ We have to make such four matrix because there are four methods of competitive measures(path count, normalized path count, random walk, symmetric random walk)

Testimonials

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Please Provide us with the Testimonials for our Project

The respondent's email address (**rsi2019004@iiita.ac.in**) was recorded on submission of this form.

Customer Name *

Amit Kumar

Customer Email Id *

rsi2019004@iiita.ac.in

We hope you're enjoying using our software.Now we'd love to know what you think.Can you share some of your thoughts that we might feature in our software. *

Would have been in better position to tell if covid outbreak were not there

This form was created inside of Indian Institute of Information Technology, Allahabad.

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