Project Title: eTAT- Electronic Teamwork Assessment Tool

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1. STUDY AIM, BACKGROUND AND DESIGN

The purpose of the study is to study the usability of the interface of the software application eTAT (Electronic Teamwork Assessment Tool) designed to assess and measure the teamwork.

The eTAT is a web based application tool proposed by the professors from San Francisco State University and University of Applied Science, Fulda University, Germany based on the jointly carried out assessment and comparison of local and global software engineering (SE) practices on SE classes taught in both universities since last three years [1]. This proposed tool plans to provide assessment and measures of teamwork with the help of the data obtained from various sources such as hosting platforms and surveys, process this data and display the obtained data in an organized, meaningful and friendly way.

2. PROCEDURES:
1. UCD (User Centered Design) shall be used for the development of eTAT tool. Instructors and project supervisors will participate in providing the feedback on the usability for first several iterations.

2. For the experiment there will be two groups of participants i.e. other eTAT members and faculty members (Prof. Barry Levine, and other partners in FAU and Fulda University). All the participants that will be recruited will be faculty members working as an instructor in SFSU and FAU and Fulda University, as this tool is developed completely for the convenience and use for the instructors and no students shall be recruited for the survey.

3. The participants recruited will be contacted personally and requested to provide their email address for the experiment and future communication.

4. The participants will take part in the experiment i.e. directly using the eTAT tool.

5. The participants will be asked to complete a survey on the usability of eTAT. All the participants shall be sent an email and asked to visit the link http://www.surveymonkey.com/s/M6TKGQP to complete
and submit the survey on the usability testing of eTAT application.

6. Once all the feedback will be obtained from the participants, one more revision of the UI shall be done.

ANALYSIS OF DATA

1. The test that the participants had problems during experiment shall be identified.

2. The errors made by the users and their place where they had difficulties using the interface shall also be identified.

3. The sources of errors and bugs shall be identified.

4. The problems and errors shall be prioritized based on its criticality, frequency of its occurrence etc.

5. The solutions shall be recommendations and implemented at the end

PARTICIPANT POPULATION

All the participants in this study will be 18 years or older. All the participants will be either the students or faculty members from computer science department. Participants will be invited for the study and experiment by the project supervisor and all the invited participants shall use the eTAT tool and provide feedback based on the survey.

RESEARCH RISKS, BENEFITS, COST AND COMPENSATION
There are no risks, benefits, cost and compensation to the participants of this study.

CONFIDENTIALITY

The data will be kept in a secure location and no identifying information about the participants will be used.