Assignment of Software Engineering

## 1: Research paper

### **Title:** on the relationship between user chuen and software issues

**Auther name** : Qmar El Zarif , Denial Alencar Da Costa , Safwat Hassan and Ying Zou

**Conference :** this paper appears in proceedingof 28th

International conference of program comprehrnsion , ICPC 2020

summary

This paper is about the satisfaction of user is how much impotant for the success of software and hoe can we reach at their reviews and comments so that we can improve oue software .

Usre satisfaction is assential for the success of software maker , the main reason of software failure is user dissatisfaction .  
when a App maker is working on a APP 1st he/she study the reviews of the user so the he can improve his app , in order to increase the probability of success we have to fill the gap to help open source and corporate software organization to retain the user

In this paper they obtain data from alternativeto.net’ website, by using alternativeo.net’ they investigate about Web Browser IDES and web servers domain,

They extract reviews and comments to batter understand their thoughts about the software products.

The goal of the alternativeto.net’ website is to help the user to find software alternative that can batter address user necessities

## 2: Research paper

### **Title:** understanding what software engineering are working on

**Auther name** : Ralf Lammel, Alvin Kerber and Liane Praza

**Conference :** this paper appears in proceedingof 28th

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summary

this paper is about the work-item prediction challenge, prediciting what a software engineers (a developer, an incident responder,a production engineer) working around , he might would not know what differ that is what system in engineers workflows in software intensive organization.

It is challenging because we may noy easily understand each action on the timeline of a developer,

So when developer publish a diff on may be review a ‘diff’ that is obvious a person woeking on this and that diff but person said a query DB or read some documentation then it is not clear that what diff it could be about and this is what we could dark matter it also called in between situation , some alert form of ‘ automatic documentation’ is needed such as suboptimal performance of an important system component. Challenges faces by developer

1): engineer rely on a multitude(perhaps hunderds) of loosely integrated tools ;

2);engineers engage in concurrent and relatively log running workflows

3);infrastructure (such as logging) is not fully aware of work items

4);engineering processes(e.g for incident response) are not explicitly modeled;

5);too many tools used by engineers on a given day

For many of facebook employes. So these tools come and go they are not integrated they have not perfect tools so we donot easily know what are these tools

6);too many work items, at a timr an extended related work discussion which connects the work-item prediction challenge to research in the areas of programing comprehension , mining software repositories , process documents the need for and the potential of leveraging advancinf and combining existing techniques to tackle the work-item prediction challenge more efficiently in practice

## 3: Research paper

### **Title:** how graduate computing students search when using an unfamiliar programing language

**Auther name** : Gina R. Bai ,Joshua Kayani and Kathryn T. Stolee

**Conference :** this paper appears in proceedingof 28th

International conference of program comprehrnsion , ICPC 2020

summary

This research is all about those students who are studying in computer but unfamiliar with programing languages so that how they can be software developer

In order to become a software developer you have to master in multipul programing languages.

Resent research has shown that if you have knowledge of any one of programing language than it will help you to learn multipule programing languages because all programing languages coading is relevant with each other

In first you have to learn one language for that trun to online search to find the information and coad search .

The north coroline state university invite students enrolled them to graduate software engineeringcourse via email to participate in the study . a short introduction to this study was made available to all potential participates in all this process the recoded that the 18 participants self-reported their expertise in gerenal programing skills