

2013-2014

1.PROJECT TITLE: TRAVEL SAFELY TO THE DESTINATION WITH I-SAFE

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ABSTRACT

Safety is naturally location dependent, it is also inherently volatile .It not only exhibits temporal patterns (e.g., function of the season, day of week or time of day) but also depends on the current *context* e.g., people present, their profile and behavior). Furthermore public safety has a personal dimension. Users of different backgrounds are likely to be impacted differently by the same location/time context.

We first define location centric, static crime and safety labels, based on recorded crime an event that helps in predicting the crime and safety index values of a particular location. The main aim is to enable the vision of smart and safe cities, by exploiting mobile and social networking technologies to define location and user based safety metrics. We use mobile device and geosocial network technologies to record the *trajectory trace* of a user: the set of (location, time) pairs where the user has been present. When sufficient crime information exists to enable an accurate prediction of location based crime levels, we introduce the concept of *personalized safety* recommendations. When insufficient crime information exists at a given location, we propose to augment the “context” of the location with data collected from co-located mobile devices and geosocial networks. We define the *vicinity crime probability* metric, to be the chance of crime events being reported around a user or a group of users, based on their past location trajectories. We introduce then the concept of *context aware safety* recommendations

CONCLUSION:

This application provides a convenient way for sharing records and using them to calculate the safety of users. It is a user friendly application that performs actions faster and is easier to use.

We have proposed several techniques for evaluating the safety of users based on their spatial and temporal dimensions.We have proposed a holistic approach toward evaluating the safety of a user, that combines the predicted safety of the user’s location with the aggregated

safety of the people co-located with the user. Android and browser implementations show that it is efficient in terms of the computation and the communication overheads.

2.PROJECT TITLE: ONLINE TALENT ACQUISITION PORTAL

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ABSTRACT

The Online Talent Acquisition Portal(OTAP) is a web-based project that creates a online environment to store and retrieve candidates resumes in secured manner.The admin and recruiters can use the login to see the resumes and filter them according to the need. So the criteria such as job description should be given at the backend as database.This system consists of 4 modules: Login module, Filtration Module, Admin Module, Talent Acquisition Module Login or Authentication module is the one which gives access only to the permitted users to access the system and manipulate in it.Filtration module is used for upload,search an filter the resumes based on eligibility critera such as job description ,years of experience etc.Admin module is used to add delete the recruiters,clients,candidates details etc and implement the necessary changes in database. Finally,Talent Acquisition module is for generating graphical recruiters wise,year wise reports etc to verify target and recruiters performance. The main purpose of this project is to make an efficient and good application that helps the recruiters to make the handling of resumes easy and segregate them according to the expectations and helps admin to generate automated graphical reports , periodic reports, recruiter wise reports etc to verify the target and the recruiter's performance.

PROJECT TITLE:

AUTOMATIC FEED PROCESSING SYSTEM FOR RESULT ANALYSIS

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ABSTRACT

The application is a tool that extracts the results automatically when we save and upload the webpage. It extracts the table content that consists of date, subject code, name, register number and grades obtained using html extraction with the help of page source and store it in the database. We make use of XAMPP. The analysis of the results is automated with the help of this system. The backend used in this system is Mysql where needed number of tables has to be created. Here in this system we are in need of grades, admin and subjects tables. In the grades table we define all the grades and its respective grade value. In the subjects table we have defined all the subjects starting from the first semester to the eighth semester. The credit points for each subject is defined and the semester that the subject belongs to is also defined. Also their subject codes which are in the form of alphanumeric formats are also entered along with the subject names. This is done because while the user wants to view a particular subject marks he/she can give either the subject name or the subject code. Thus this will facilitate the user to get a quick view about the results that he/she needs. To automate the process of calculation of GPA/CGPA, we have defined the credit points as well as the grade value. We make use of SQL queries to query the database and thus to view the results according to the way the user wishes to. The staffs can have a single student view, batch wise view or subject wise view. Analysis of

the results in the form of bar graphs is depicted. Here the comparison of overall pass percentage by the students belonging to a batch can be depicted. The project is run on the local host. The final output is can be downloaded into excel sheet and the print option is also made available to help staffs for easy access of students results.

PROJECT TITLE:

PERFORMANCE MANAGEMENT OF READ/WRITE PROCESS IN SOLARIS

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ABSTRACT

“PERFORMANCE MANAGEMENT OF RW PROCESS IN SOLARIS” is a comparison of the various disk management techniques with UNIX OS recommending the developer an ideal RW (Read Write) performance in the volume managers and file systems in Solaris10, such as Solaris Volume Manager (SVM), Network File System (NFS), VERITAS Volume Manager (VxVM), Redundant Array of Independent Disk (RAID), Zettabyte File System (ZFS) that improves the disk storage capacity and enriches the RW performance. Using UNIX commands the hard disk is partitioned into different slices to create more manageable file system and to increase the capacity of disks. RAID levels Concat/Stripe, mirror, Rotating parity is done for all the volume managers other than NFS. Once the installation , disk partitioning and RAID levels are completed , then the testing is done using disk_perf.c program this program automatically creates blocks of data 64kb to 512mb and test the READ WRITE performance for each volume managers and the values are then brought into an excel sheet. Using graphical utilities the graphs is generated for READ/ WRITE performance which determines the best block size. Thus the appropriate block size for each volume managers and file system with their RAID levels is specified or recommended.

PROJECT TITLE: TRAVEL RECOMMENDATION BY MINING PEOPLE ATTRIBUTES

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ABSTRACT

The main abstract of this project is concerned with recommendation of places for a user based upon the hugely available community contributed pictures and people attributes. Leveraging community-contributed data (e.g., blogs, GPS logs, and geo-tagged photos) for personalized recommendation is one of the active research problems since there are rich contexts and human activities in such explosively growing data. In this work, we focus on personalized travel recommendation and show promising applications by leveraging the freely available community-contributed photos. We propose to conduct personalized travel recommendation by further considering specific user profiles or attributes (e.g., gender) as well as travel group types (e.g., family & friends, couple). Instead of mining photo logs only, we exploit the automatically detected people attributes. This is a very useful project for people who loves long travel and want to visit innovative places. By using the matlab we are detecting the gender and number of people who went for travel to that place.