**Experiment No. 3**

PART A

(PART A: TO BE REFFERED BY STUDENTS)

A.1 Aim: **Finalizing Android App idea.**

**A.2 Prerequisite:**

Knowledge of android apps from play store.

**A.3 Outcome:**

After successful completion of this experiment students will be able to

1. To have detail knowledge of chosen idea which need to be converted into app.

**A.4 Theory:**

Brainstorm on ideas. Finalize one topic which can be implemented as android app and help the people to make their life easier.

**Format of Report:**

AppName: DRUNK TEST

AppIdea:

Functionality in brief:

Application:

PART B

(PART B: TO BE COMPLETED BY STUDENTS)

**(Students must submit the soft copy as per following segments within two hours of the practical. The soft copy must be uploaded on the Blackboard or emailed to the concerned lab in charge faculties at the end of the practical in case the there is no Black board access available)**

|  |  |
| --- | --- |
| Roll No. B046 | Name: Pranav Joshi |
| Program: B.tech COMputer | Division: B |
| Semester: IV | Batch : B3 |
| Date of Experiment: 26-1-15 | Date of Submission: 26-1-15 |
| Grade : |  |

B.1 Task to be done:

**1)** After the project topic is finalized document the proposal in the format mentioned above in theory section.

NAME OF APPLICATION

Drunk Test

APP IDEA

As consumption power increases and incomes rise, the issue of alcohol consumption bothers any civil society. The dangers of alcohol overconsumption are well known. Individuals consume more volumes than their body can bear, especially those who are binge drinkers. Hence wrong decisions are made when a person is under the influence resulting in a confrontation with the police. The drinker has to face a breath analyser test at the hands of the authorities. The dangers of drunk driving are life threatening. Hence a statement of caution and a comprehensive screening method to test drinking is lacking.

A daily increase in accidents and inconveniences resulting due to a person not willing to accept that he is drunk needs a cohesive and self-validating parameter which can never be inaccurate. To decrease the load of the traffic police and to reduce law breaking instances, a concrete solution is required.

Rather than making the drinker face a breath analyser test at the hands of the authorities, we have come up with a uniform reflex cum mental ability test which can be generalized to an extent where any person who in an inebriated state can take it. It involves a sequential structure which is navigationally simple to undertake. The application is capable of conducting its own test of differentiating between a drunk and a sober individual. This can help reduce improper conduct and decisions taken when in unsound mind.

Decrease in unwanted and uncomfortable situations for drinkers and those

around them can ensure a pleasant environment for all.

The Drunk Test application can be utilized in many real world scenarios.

It can be given to all bartenders in pubs to assess their customers’ state. If a

person is found to be sloshed he can be directed to call for a cab to take him to

any destination he so pleases. This can reduce possible tussles with the

authorities and ensure a smooth experience for the inebriated individual.

Hence it can combat excessive usage of alcohol or at the very least alert

concerned people so that uninformed and rash decisions aren’t taken. Further

application can range from studying reflexes of those who have high alcohol

content in their so as to facilitate neuro-cognitive scientific research.

FUNCTIONALITY:

Flowchart of App

START

STOPP

DIALER

0

YOU ARE DRUNK

APP IS OPENED

FADE-OUT PICTURE

STOP

YOU ARE NOT DRUNK

F

T

SUCCESS

F

T

COLOR TEST

MCQ

SUCCESS

BUBBLE TEST (5 SEC)

BURST ALL BUBBLES

T

F

SUCCESS

REFLEX TEST

(2 SEC)

F

T

ALL ANS CORRECT

F

T

MCQ 1 (MATHS)

YES?

ARE YOU DRUNK?

B.3 Conclusion:

Hence we formulated ideas and developed a cohesive approach pattern which can be utilized to develop our application. Hence we have ensured a credible framework to be put in practice for the successful realization of our endeavor.