

Name - Ayesha Ahsan

Roll no - 17K-3867

Section - F

Q.1 (a)

- (1) The movie was outstanding ~~be~~ as the music & plot had a meaning & place.
- (2) It seems that the juvenile delinquency is growing at an increasing rate in this twenty first century.
- (3) The guerrillas kidnapped the man at gun point and they put a blindfold & ~~bound~~ handcuffs & forced him into the car.
- (4) Working women have little time for recreation & often get less sleep.
- (5) The Three main <sup>technical theatre</sup> areas of ~~cost~~ all costumes, scenery & lighting.

(b) Due to COVID 19, a nationwide lockdown has been imposed in around 30 plus countries globally which has led to an increase in the use of internet. An average ~~user~~ person is using the internet twice more than his/her pre-COVID 19 usage because 50% of the employees are working from home through internet. Moreover, people who are confined in their homes have not much to do to entertain themselves; therefore, ~~a major~~ 80% of the young people have started to use more internet. Many online movie streaming websites have seen a high record in their customer base & overall visitors per day.

(c) (1) The first one is polite & has an apologetic tone because it is ~~apolo~~ apologizing first for not being able to find the page & then it has given proper & clear instructions for the user [1].

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c-(2)

Sorry for the inconvenience.

The page you requested cannot be found

1. Copy the URL in another web explorer
2. Check the URL if anything is missing
3. Go to help at the top right corner for further instructions

Q.2

(a)

1 — D

2 — B

3 — C

4 — A

5 — A

6 — B

7 — B

8 — C

9 — B

10 — B

(b)

correct order

D

B

C

A

Q.3

① Over the years, the Airline Industry has grown rapidly. It is an important part of ~~our~~ many people's daily lives. ~~It also contr~~ A great part of this industry also contributes to the country's economy. Moreover, it has provided jobs to millions of people and it is increasing constantly. Initially, the Airline Sector was a small industry and did not use to cater many people. ~~so~~ <sup>as</sup> It was easier to manually store the information and do the other processes, but with the growing need, the system calls for automation.

Previously, many people have worked on Airline system. Few of them worked on the enhancement of functionalities i.e. to ~~scan~~ ~~enter the weight~~ scan the luggage by sitting at their homes [1].

Others worked on making the GUI friendly & easier to use [2].

~~Our Airline system will enable people to save in order to increase the data of increasing customers & automatically saving selecting the seats by sitting at home. It cuts down the fuel cost and saves time.~~

According to a research survey, 80% of the people prefer to book their seats online rather than going to some airport or ~~air~~ agency for it [3]. This new, <sup>and increasing</sup> need of people has prompted me to create an online reservation system.

② An Online Airline Reservation System which will enable customers to get information regarding all flights and allow them to book or cancel their tickets while sitting at their homes.

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Q.4 §

- (1) The abstract aims to target the internet-client-server technology that is used for stock trading. The project JTrade is a stock market trading program in Java used to support portfolio management, charting, technical analysis, paper trading & experimental method like genetic programming.
- (2) ~~This~~ According to the abstract, 3 resources are used i.e. material from research in software engineering and trustworthy computing, public ~~FDA~~ FDA data & accident reports.
- (3) Jtrade is made to provide the public with lowcost transactions with latest development, & real time market information that previously belonged to the brokers only.
- (4) The two recommendations are:
  - ① FDA is given an increased access to outside experts in software.
  - ② Clearer role & responsibility for the shared burden of software.
- (5) It has many <sup>functionalities</sup> ~~features~~ such as storing quotation & quotes, graphical analysis of stock, maintaining portfolio, paper trading & etc.

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## Q.5 (1) Technical Skills

Languages:

JavaScript, Python, HTML, CSS, R, C++, PHP

Database Management:

Oracle DB, SQL Server, MongoDB

Tools:

NetBeans, MS Visual Studio, Eclipse

Natural Processing language:

Stanford coreNLP, Preprocessing language.

## (2) Personal Projects

- Temperature & Humidity App
  - A mobile android app using PHP MyAdmin, MySQL & sensor to measure temperature and humidity
- Hospital System App
  - A mobile android app using HTML & CSS to maintain the data of patients & doctors. Moreover, it allows patients to take appointments online.

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Qs. 6

- (a) We appreciate the hardwork you have done so far and the ~~pure~~<sup>true</sup> commitment that you have shown to the organization. Your endless efforts have made the organization pave its way to success and has made this little startup grow rapidly.
- (b) Your utmost dedication and honesty has been evident throughout the years. ~~We~~<sup>I</sup> value the work you have been doing for the children & ~~we~~ highly respect your cause. The society needs more people like you and the positivity you have been spreading around.

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## Q.7 - Introduction

Thankyou for giving me an opportunity to submit a proposal for the e-store of SEOULITE brand. I believe we can work together to create a simple yet outstanding e-store for your brand.

I have come up with a few needs requirements and solutions that we might want to work on in our project.

SEOULITE ~~to~~ brand needs an e-store to increase its customer and to be able to expand its business. The brand which was established in the 1900's needs more recognition and the customers <sup>who are unable to travel</sup> should be able shop online as the brand has limited branches.

The estore can be managed by a small team of workers and the ~~customer~~ GUI should be attractive, user friendly & easy to navigate. The pictures & products should be able to <sup>get</sup> ~~be~~ easily updated, <sup>as the store offers trendy clothes.</sup> and should be Moreover, the ~~data~~ estore should be secure & flexible.

## Proposed Solution

We will provide SEOULITE with a unique & ~~impress~~ eye catching design. The design should be ~~easy~~ to self explanatory ~~and~~ so that the user has no problem <sup>while</sup> ~~in~~ surfing.

Our company is reliable and highly professional and we will make sure that this e-store will undoubtedly increase the number of visitors of the store.

The information of the customers who will place the order will be ~~sent~~ kept secure & the website will be for all devices. Moreover, the estore can be sponsored to increase the reach. The logo of the brand will be kept same & the changes will be integrated so that the brand doesn't lose its true identity.