Research plan

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Problem Background

Having stayed in the AkiraChix environment as a student,we realise that students at AkiraChix tend to waste a lot of time during meal time waiting for their colleagues to serve and also alumnus.When lining,they do it in a disorganised way in that some students do not follow the order of the line and they end up making their fellows to wait for long especially when skipping the line after coming late from class.There is normally one serving point where both the alumnus and the students are expected to use which is a huge challenge,the latter added with skipping of line is a disaster.This practice interferes with the lessons hours and the student personal studying time.

Problem Statement

How might we adopt a tool that will enable students manage their time during serving meals so that they can start their classes in time

Research Objectives

1. Why are the students not following the line during serving time
2. What have the dinning representatives done about the issue at hand
3. Why are the students allowing others to skip the line when they come first

4. What are alumnus views about the issue

Methodology

Observation method-its both a qualitative and behavioral research methods.We choose it since we are in the same environment where we are trying to solve the problem and we get to directly observe how the students carry themselves during meals time,that is, how they interact.

Interview method-for our research we also consider interview as one of the method of research.Interview is both qualitative and behavioral research method.We consider it since it involves asking the students questions face to face,online through slack which is readily available within the school.It will also enable us to get in-depth information because it is open-ended question.

Research participants

To begin our research,we will pick random students in both three classes found in Akirachix,two from each class,then two dining representatives and two alumnas.
In total,we will interview 10 people.We picked the criteria considering the fact that all the three classes are affected by the problem.To avoid biases we consider interviewing students from different streams the one we are not use to and this will give as correct information since the students will share their opinion,feelings,knowledge,preferences and attitude without considering the fact that they are use to us and do not want to disappoint us.

We picked the dining representatives since they are directly involved in the management of students during meal time and they easily identify what they think is the problem.The two alumnus will also assist to bring a neutral opinion since they are part of AkiraChix community and they observe what normally happens during meals time.

Logistics

The location of our research will take place within AkiraChix campus.We will need a book and a pen to write down feedbacks from the interviewee.We will also need a stable network and a laptop for virtual connections through slack.

Research Setup
We will begin by defining our objectives and hypothesis once more before the interview by checking if they are clear enough to be asked,adequate to explain,as simple as possible and good enough to permit further predictions

Secondly,we will select the right topic by selecting the keywords,defining the research focused questions,reading more on the topic,being flexible and brainstorming for ideas.

Thirdly,we will have a timeline during which the interview will take place and the target to achieve during the research project.We will also review our research procedure through selection of measurements to be taken.

Fourthly,we will make sure that we collect enough data through proper instruments by ensuring data is recorded properly in a permanent notebook.

Lastly,we will analyse the data and give the final report of the experiment .

Script

The research will be based on the problem that we found out of time wastage during meals time in AkiraChix and the research will be carried out to find possible solutions for this problem.

 For the face to face interview we will introduce ourselves formally,and tell the interviewee what the research is about,ask for their consent,tell them what we expect them to do,the time the interview will take to avoid making them uncomfortable by interfering with their personal schedule.

Pilot study

First we will assess the practicality of our project by checking the number of participants and adding like two in case one or two of the ten we planned to interview failed to show up.

Secondly,we will assess problems with time that are likely to occur during the main research,the time the main research will take to complete and what to do incase we are doing a virtual interview and there is wifi failure.

Lastly,we will plan on how we will manage data problems where the group members may have less information that may not be reliable for future implementations.

Timeline

We will begin with interviewing 2 members of Lovelace class since we are with them in the same class and it will be easier to access them and this will be done on Saturday afternoon from 2.00-2.30pm.

Next,still on Saturday afternoon from 3.30-4.30pm,we will interview the remaining four participants from the remaining two classes.

Lasty,on Sunday afternoon,we will interview the two alumni participants each fifteen minutes at around 2.00-2.30pm.

Analysis and synthesis

In our research plan document,we will combine ideas to form theory,system ideas and outcome.We will also show common trends that surround our research.

We will do analysis,where the examination will be detailed of elements,ideas,or structure of something.We will conduct a detailed examination as a basis for discussion or interpretation.

Analysis and synthesis will help us to show how trends,patterns and elements fit together,how they form a unified point for a theory,discussion,or interpretation.Lastly we will be able to develop an informed evaluation of the idea by presenting several different viewpoints and ideas.

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