Computer Geeks

Strategy > Model > Process > System

What?

Create an IT community where students from Ensign College have the opportunity to learn how to fix crashing errors, application errors, and to enhance the security of personal computers.

Why?

This community will help students who do not have the knowledge on important skills like managing their own computers. It consists of ideas of how to fix computers, clean malware, download useful programs, clear hard drive, replace malfunction hardware, security tricks, etc.

I remember when I was in my first year of college and I have many issues with my personal computer. Generally, in IT you need to have a computer that meet certain requirements to perform well in some of the classes. When I started taking those classes, I needed to install a lot of programs that made my computer crash a lot or not function well.

I asked many people for help, but they would not fix my problem and the only answer I got from some of the people that tried to help me was "it is weird that your computer is doing that, it is the first time I have seen this" so I did not receive good help. So, I spent a lot of my time searching to fix my problems. As a result, I want to help and to create a community for students like I me in my first year of college.

How?

Key Business Intelligence System Components

- A SharePoint site in office 365 that student can access online in either desktop or mobile formats.

Data

- Create links for important issues on relate topics

- Start small and keep the scope limited to the first request

- Integrate data from other students and teachers that are willing to collaborate with my site

- Load information it on weekly basis

Tools

- Microsoft Office 365 applications – SharePoint

- VPN – limited to students for Ensign College only

- GitHub for code repository

- VMWare Workstation (virtualization) for testing

- Open-source tools

- Internet (Well know websites)

SMPS Research Q and A:

Q1: Existing systems: Do we already have one?

A1: Yes, since this idea is already out there, I will have to adjust some things like focusing on issues that I encounter in the school. The scope will be issues that I have with some of my classes.

Q2: Feasibility: Any known data or functionality gaps?

A2: No, all the information that I am using is coming from my classes and things that I fixed myself. There are a lot of students that will know how to fix a problem that I might have hard time fixing it.

Q3: Sustainability: Ongoing resource requirements? Cycle?

A3: see below …

Software

- Require having outlook account

People

- Everyone in Ensign College will have access to the SharePoint. They will be able to leave a comment on any page. Student will know have permission to delete or modify data. This site is only available for students at Ensign College and professors.

Cycle

- The expectation is that this SharePoint site will be updated within a week. The cycle is therefore a weekly refresh of the backend data.

Q4: Stability: What might threaten the things existence once it is built?

A4: Since the account that I will be creating the site on, it is not mine. I might lose connection because I am not paying for it. It is a temporary account that Ensign College assigned to me. Another threat is that student might misuse a command on their computer, and they might want to blame the owner.

Q5: Vendor options: Are any being considered?

A5: see below …

GitHub is being considered as a cloud base solution for hosting the site. Since, this is not being tested on any other environment, it needs to be plan and strategy to share the best platform.

Q6: Horizontal expansion requirements: Any new FTE, hardware, or software resources?

A6: No new FTE, not new server, existing software licenses are sufficient.

Q7: Vertical dependencies: Anyone else involved? Especially someone higher up?

A7: No, the owner of the site will be the only person who will be managing the account and responsible of updating the site.

Q8: Company growth rate scenarios

A8: Students need to subscribe to the platform in order to use the material. So, the significant increase will be place on the amount of student joining the platform. It will be suitable for success, and it will be more apt to keep a higher number of students.