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# NYPCONNECT

A website to connect alumni and students

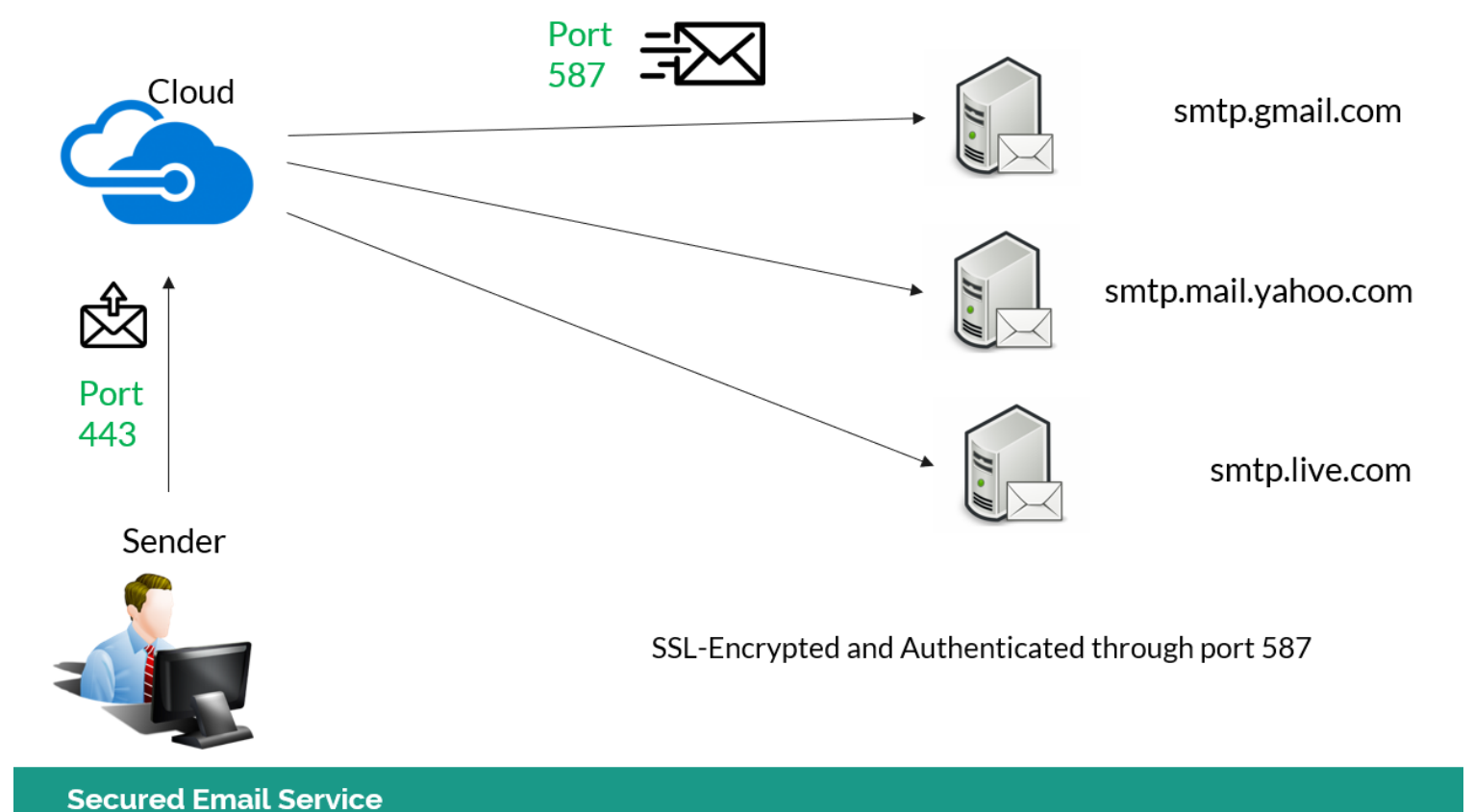
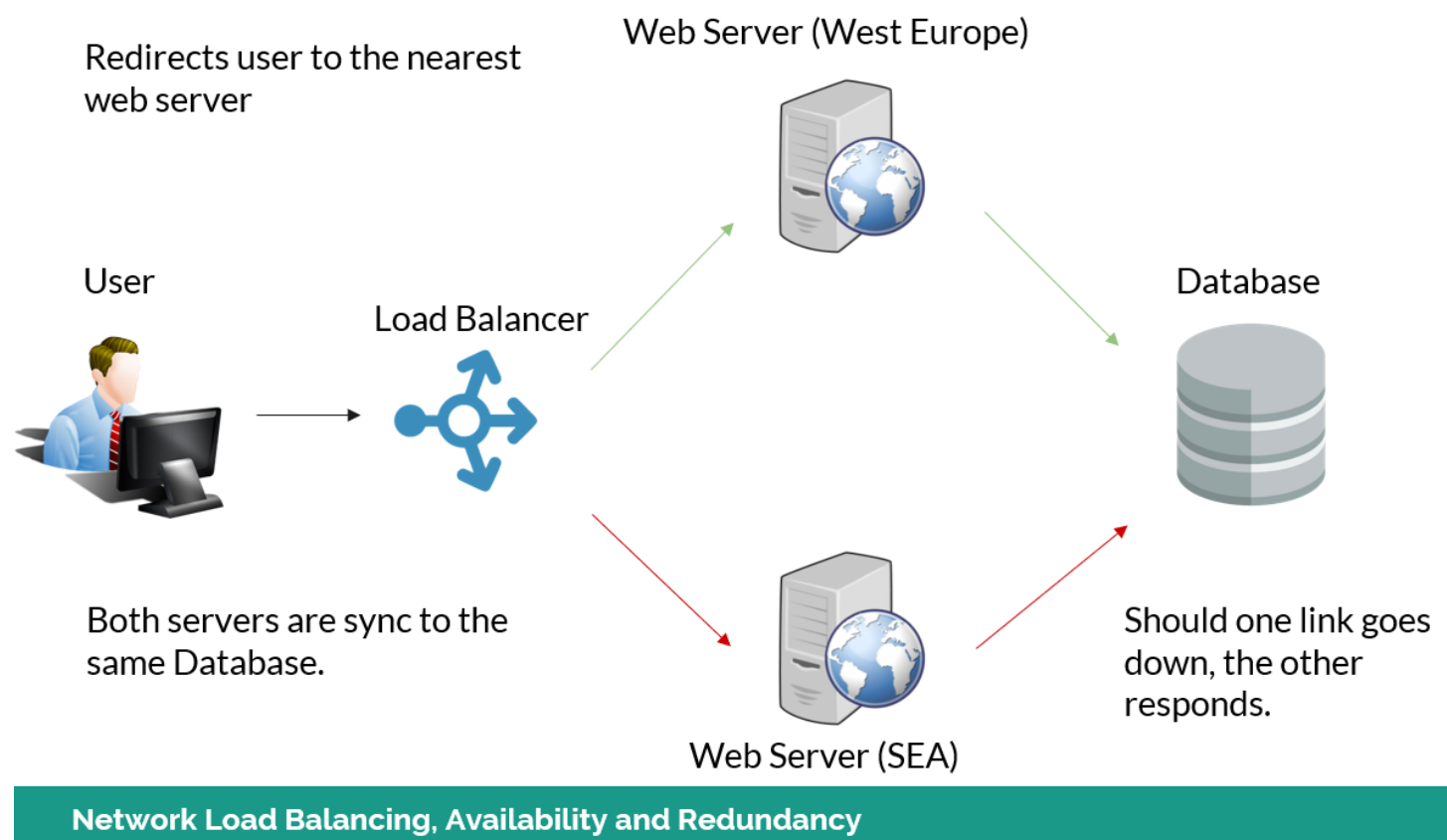
## The Problem

NYP freshmen not familiar with the campus and what modules they are going to learn.  
Freshmen are new to Poly life.  
Students may need tips for their school work (e.g. project).  
Student are unsure of what to do or how pursue their dream job after graduation.

## Our Solution

People, Profile and Friends Page.  
Personal Calendar with Events Scheduler and Statistics Analysis.  
Email Service with SSL-encryption and authentication using port 587.  
Notes Sharing with AES 256 Algorithm with password-based encryption to secure files.  
Real-time Private / Group Chat  
Interactive Job Search.

## Our Features (Network Security)



## Our Features (User Application)

Calendar with Events Scheduler and Statistics Analysis:

- Set/Edit/Delete Events
- View Events in 'Calendar' or 'List' form
- Color Coding for different types of Event Category
- Analyze Statistics to better plan your time
- Can be made public or private

Calendar with Events Scheduler and Statistics Analysis

Profile Page:

- Profile page to describe yourself (living area, student or alumni, school and class, job (optional), bio (optional), calendar (optional))
- A platform for users to get to know each other
- Personalize your page by customizing your badge (profile picture)
- Incentives for users to use our website by unlocking specific badges when a criteria has been met (e.g. Make more than 5 friends)

Profile Page

Secured Email Service:

- Login to any Email Account (Google, Yahoo, Hotmail)
- Send email messages to single or multiple people
- Optional attachment of files (maximum 4)
- SSL-Encrypted and Authenticated through port 587

Secured Email Service

People / Friends Page:

- People Page to find users who are registered with our webpage. (indicates school and whether the user is an Alumni [A] or Student [S])
- Friends are colored purple
- Friends Page to start a private or group chat

People / Friends Page

Notes Sharing with AES 256 algorithm with password-based encryption:

- Notes Sharing allows students to easily find notes that other students and alumni could have uploaded on the topics they want.
- Password-Based Encryption with AES 256 Algorithm to prevent the notes being viewed by prying external parties outside of our organisation.
- The Search function can filter the files by the respective file tags, even if the search word is not in the name of the file.

Notes Sharing with AES 256 algorithm with password-based encryption

Job Searching:

- Job Page helps to find people who are in the workforce that are registered in our website through the jobs they have keyed in their profile page.
- Allows to be searched by the name of the Job or the name of the Company.
- Click on the user's name to be redirected to their profile page to communicate with them and get advice on how to integrate into the workforce

Job Searching

Real-Time Chat:

- Private Chat room
- Group Chat room
- All message is saved
- Full-duplex communication
- Online Features
- Edit group chat
- Create group chat

Real-Time Chat