User accounts (everyone can post)

Users shall

Login with student email address to their schools site

Post events

Send invites for events

Join events

Comment on past events

Post products via PayPal

Post services via PayPal

Post to forums of varying subjects (looking for roomates, class help, advice for…., etc.)

Comment on products

Comment on services

Rate services

Rate events

Rate products

Message other users

Send mail to other users

School Admins shall

Have the same functionality as users

Ban users

Delete posts

Delete users

Create users

Schools shall

Register their school on the website

Appoint admins

(being a school requires validation via email to website admin)

Website Admins shall

Have the same functionality as School Admins on all sites

Approve or deny school requests

Whitelist safe domains

Blacklist malicious domains

Promote/demote user accounts

Hardware Requirements

MySql server - Google Cloud Platform

Apache2 Webserver - Google Cloud Platform

Software Requirements

Domain name for Apache Webserver

PHPmyadmin for handling MySQL

Ubuntu for development environment

Google Cloud Platform for hosting environment

Integrated web security platform

Firmware to be Used

waB

Have secure HTTPS connection

DDoS protection

* Layer 3, 4, 7

Secure payment (paypal and website side https connection)

Protected by firewall

SSL certificate

Website analytics