**Research Document**

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# Project Description

Create a website/app similar to the early days of Facebook. Users can create a profile and update their status and their wall and share with others.

# Technologies

## Amazon Web Services (AWS)

Amazon Web Services is a subsidiary of Amazon that provides on-demand cloud platforms and APIs on metered pay-as-you-go basis. AWS provides 165 services to the customer. It also provides free 12-month trial for most of its services.

## Microsoft Azure

Microsoft Azure is a cloud computing service created by Microsoft for building, testing, deploying, and managing applications and services through Microsoft-managed data centers. Azure provide 100+ services to the customer. It has 12-month free trial and gives the customer $300 in credits to use for premium services.

## HTML

HTML is a standard language to display documents in web browser. It is mostly accompanied by other technologies such as CSS and JavaScript. It was written by Sir Tim Berners-Lee in 1990. HTML is the most popular markup language.

## PHP

PHP is a server-side scripting language which is used for developing Static Websites and Dynamic Websites or Web Applications. It can only be interpreted by server if it is installed.

## JavaScript

JavaScript is a programming language. It is high level language. JavaScript, alongside HTML and CSS, is one of the core technologies to use for web development.

## CSS

CSS is stylesheet language use for describing the presentation of a document. First released in 1996.

## Python

Python is a programming language. It released in 1990 as a continuation of ABC language.

## Django

Django is python based free and open-source web framework. It was released in 2005.

## MySQL

MySQL is open source relational database management system.