Project Proposal

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Project Name: Cloud Based Web Business

“Cloud computing allows companies to avoid or minimize up-front IT infrastructure costs and enable organizations to focus on their core businesses instead of expending resources on computer infrastructure and maintenance”

Cloud Based Web Business idea is a cloud based ecommerce platform solution for anyone who wants to run an online web based business.

Project will run fully on a cloud service provider like AWS - Amazon Web Services.

***Advantages****:* It can be implemented without extra overhead and costs involved of using standard servers and can be scaled up or down based on number of subscribers. Students can create free AWS account with instant access to some of the premium services including labs, tutorials and training.

***Implementation:*** Will begin by developing a basic HTML web site with interactive elements using JavaScript and adding other elements as required.

This way cloud hosted web solutions can be provided, which can be built and maintained by normal store owners, using templates and user friendly interface.

***Reasons for choosing this project:*** Cloud computing is very popular right now and using it to deploy a FYP would give a student an advantage on the job market next year. This project has a great potential and there may be a lot of extra features to be added during development.

Progress will be committed to remote repository on GitHub on weekly basis to track the progress: <https://github.com/matszal>

Programming languages and technologies to be used:

Java, JavaScript, MySQL, HTML, JSP, servlets.

