Crazy Quotes

INTRODUCTION

Your development team has been hired as consultants to Crazy Quotes AB. Crazy Quotes have earned their fortune selling books of crazy quotes.

Crazy quotes are aiming at crowd sourcing their next version. They will be providing an online interface where registered users can add and share quotes with the crazy quotes community. The companies chairmen is very cautious about sharing there information on the internet and is worried about the site being hacked. The system you provide should protect, as far as is reasonably possible, crazy quotes data and the crazy quotes community from hacking.

YOUR TASK

Build a crazy quotes site:

The site should enable a user to:

1) Create an account, with username and password.
2) Login and authenticate the user on the site.
3) An authenticated user should be able to view, and share quotes to the community.
 (Anonymous users are not supported. It is a community site. You need an account to participate.)

A quote is comprised of :

text: "Do... or do not. There is no try."
author: "Yoda"
year: 1980
createdBy: some_user

To complete the task you should use the following technology:

html, css, javascript, - frontend
https, - communication protocol, (forward from http protocol to https if required).
jax-rs - backend webservices
mySql - data storage.

Note: This exercise is designed to highlight security. Write code carefully and discuss and implement security strategies at every stage of development.

HANDIN

Groups should prepare a short presentation (no more than 15 mins). The work should be submitted and presented on Friday 17th April.