Capstone Proposal:

Requested: Please submit your project proposal here in the essay to get approved. Will need to mention the usage of hooks and the features that the users can do.  
  
-Use React, [Node.js](http://node.js/" \t "/home/hippietaoist/Documents\\x/_blank), Express, and MongoDB  
-Authentication  
-JWT  
-Input Check  
-CRUD  
-2-3 features  
-3rd Party API

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| -Use React,  [Node.js](http://node.js/" \t "/home/hippietaoist/Documents\\x/_blank),  Express,   and MongoDB | Node.js, Express and MongoDB will be used on back-end.  React and Node.js will makeup front end. |
| Authentication | Passwords will be hashed and users will have a timed token attached to them after account creation and login which will help guide the flow of the site. |
| JWT | JWT will be used to initiate, act as, reject and decipher token, with the assistance of jwt-decode. |
| Input Check | All inputs will be checked for validity, errors, empty strings and other appropriate flags . |
| Create Read Update Delete | -Users will have CRUD operations on their account. -Users will have CRUD operations on the crypto and programs they choose to associate with. |
| -2-3 features | Favorite Cryptos to account Favorite Programs to account Sort Program through multiple params Sort Crypto through params |
| -3rd Party API | Plan to use api from CoinMarketCap or crypto.com or KuCoin possibly. The first seems to be the best, but limited to only 11 endpoints. if i want more I may pull from alternate apis. All seem to have good documentation. |
| Hooks | Hooks will be used through out to make use of advanced react technologies, strategies and concepts. |

窗体底端