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CS 5001
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Constraints Essay

<u>Constraints:</u>
- Economic
- Ethical
- Security
- Social

       It is our whole intention to only benefit the user in using our application. With that being said, as far as we are concerned, there are three major areas that currently have our attention at the moment: the potential economic, ethical, security, and social issues of our app. The economic problems lie with the goal that this app should be free to use, and so there is no plan for monetizing it despite putting effort and resources into creating it. The ethical problems with an inventory app like ours deal with maintaining users' privacy; no one should be able to access anyone else's personal information without permission. We assume this would be something users would be wary of towards developers and managers of the app, and to that end we need to obfuscate, encrypt, and protect any information relating to customers. That then leads to concerns about security. Apart from developers and product managers, there needs to be an emphasis on protecting users against bad actors. Lastly, are the social worries for an app such as ours. We frequently ask ourselves if an app like this is something the average person would even want to consider learning to use, questioning the validity and practicality. However, one of our goals is to creatively innovate in a space such as organization and inventory management in order to promote reducing waste, which we believe will help many people.