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Work Done:

So far, Mark has been working exclusively on the front end, and has put in significant effort to assure everything is running smoothly. David and I have been working on the backend, implementing a portion of the UML diagram, as well as working on user login and authentication.

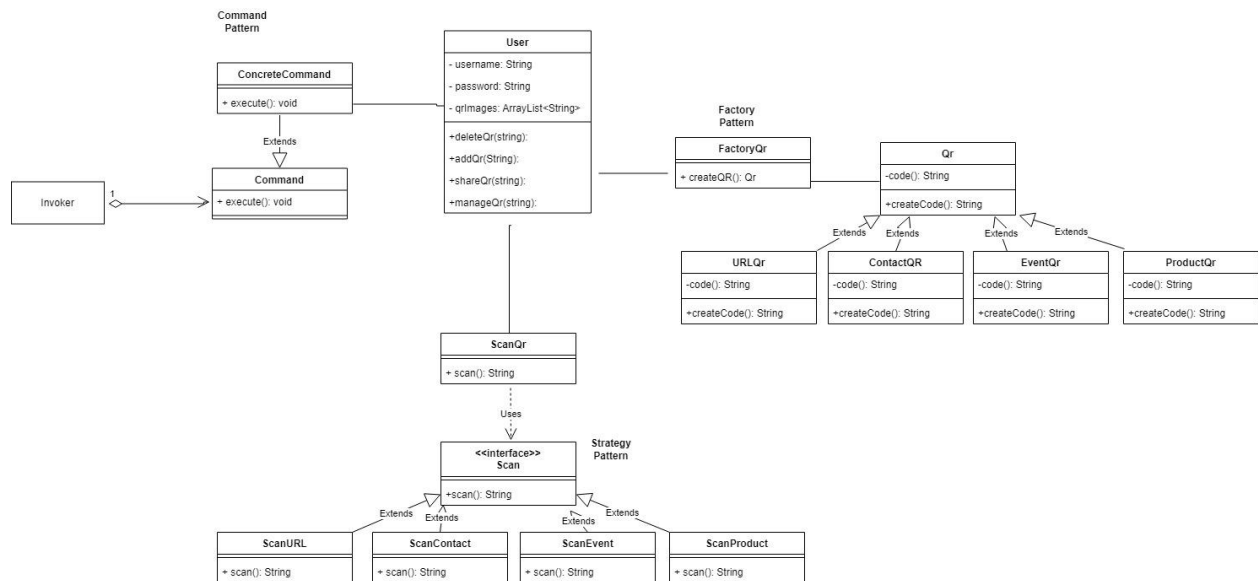
Changes or Issues Encountered:

The only change so far with the UML would have to be the deletion of one of the classes (the runner class). We didn't deem it to be a necessary feature of the app, as the user will simply hold their own data regarding QR codes generated/seen.

Patterns:

So far we have implemented a factory in order to create the various types of qrCodes that our app will generate. Furthermore, we plan on producing a command pattern for the user to adjust or add to their qrCollection. Lastly, we will implement an observer pattern to generate updates regarding the user's actions within the app.

Class Diagram:



Plan for next iteration:

With Mark's work on the frontend, only minimal changes will need to be made in order to adjust for needs as we continue to code. The backend, however, still has some work to be done. We need to finish fully implementing all of the classes and strategies, and also need to implement the reactNative part of our project in order to successfully be able to scan images with our qrCode application.