

| | Constraint and possible effect | Solution |
|-------------------------------------|---|---|
| Hardware and software platforms | Application created on desktop has no responseive elements implemented for use on other devices, Will impact usability on other platforms | Keep overall design of app simple and use response elements when possible |
| Preformance requirements | Application relies on API that slows down when stock market opens due to high traffic and demand, Will affect overall proformance and functionality | Minimize communications between components, have backup API |
| Persistent storage and transactions | Application requires large database of company tickers that are used in 2 APIs to return info, might cause slow down with multiple requests made | Use local storage as much as possible, limit API calls to improve proformance |
| Budgets | Application requires high design input, Might run over set budget to meet MVP | Daily stand ups and progress reports overall product managment |
| Time | Keeping to a deadline and delivering final product, Because of short production time and set deadline, Additional features might not be implemented | More time needed to fully complete application / prioritise functionalitiy |