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# Technical Specifications Document for Web Application Artwurk

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| Summary | Artwurk is a web application that allows artists to upload, share, and collaborate with each other's artwork. |
| Background | The main focus that Artwurk will bring, will be a collaboration between every artists' uploaded artwork. Each artist registered with our application will be allowed to submit a request to edit another artist's artwork and then upload it in a flowing edit tree stemming from the original masterpiece. |
| Goals | -Introduce artists with each other, enabling creativity to spark from around the world<br>-Allow streamlined collaboration by just a click of a button to upload artwork edits |
| Non-Goals | -Create a lasting platform that will bring more awareness of art through collaboration<br>-Allow our platform to be one of the first solely artist based social media |
| Plan | General Plan<br>1) Begin by defining the critical problem to guide ourselves in developing the project<br>2) Once the critical problem has been defined, we would map out the workflow to build the solution<br>3) Decide upon the tools/platforms/frameworks to build our web application<br>4) Building the app:<br>   - Determine which database to use<br>   - Have some group members build Frontend and others will build Backend |

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| | 5) Testing the web application<br>    - Cover functionality<br>    - Usability<br>    - Compatibility<br>    - Security<br>    - Performance<br>6) Host and deploy our web application |
| Measuring Impact | -Grow user base monthly by 10 users<br>-Reach users from all states in the United States by 1 year |
| Security/Privacy/Risks | -User data breach<br>-Stolen artwork<br>-Artist defamation/impersonation<br>-Bot accounts |
| Other Considerations | -Artist personal messaging system. Decided not to implement it at launch because user demand would likely be low due to other major apps already in use for communications such as Discord, Facebook Messenger, etc.<br>-Artist Marketplace will not be implemented as well, due to minor users at launch. |
| Open Questions | -Establish a user feedback system allowing them to submit features they would like to see in the future? |