Skills and Resources Audit

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The following tables list the skills and resources required to carry out the project.

Skills

Name	Description	Team Members Responsible	Relevant Links
HTML	Markup language for specifying content of webpage	Everyone	www.w3schools.com /html
CSS	Specifies presentation and style of webpage	Everyone	www.w3schools.com /css/default.asp
JavaScript	Implements functionality of webpage	Arun, Dylan, Jayden, Joel F, Joel M	www.w3schools.com /js/default.asp
TypeScript	JavaScript with static typing	Arun, Dylan	www.typescriptlang.org
React	Front-end JavaScript framework that enables state management and promotes reusability	Arun, Dylan, Jayden, Joel F, Joel M	reactjs.org/docs /getting-started.html
MySQL	Relational Database Management System	Lilian	www.w3schools.com /sql/default.asp
Django	Back-end Python web framework	Arun, Dylan, Jayden, Joel M	www.djangoproject.com
Jest	JavaScript testing framework	Arun, Dylan, Jayden	jestjs.io/docs /getting-started
Git/GitHub	Version control of software	Everyone	guides.github.com /activities/hello-world/
LaTeX	High quality document creation	Joel M	www.latex-project.org

Resources

Name	Description	Team Members Responsible	Relevant Links
GitHub Account	Necessary to commit changes and create pull requests	Everyone	www.github.com
Suitable IDE (Visual Studio Code)	To write code and easily run tests	Everyone	code.visual studio.com
Python Extension	Enables Python IntelliSense in Visual Studio Code	Everyone	marketplace.visual studio.com/ items?itemName= ms-python.python
NodeJS	Backend execution environment for JavaScript	Everyone	nodejs.org/ en/download
Yarn	Package/dependency manager	Everyone	classic.yarnpkg.com /en/docs/install
Heroku	Deployment sevice	Arun, Dylan	www.heroku.com
ClearDB	Heroku add-on for MySQL database support	Arun, Dylan	elements.heroku.com /addons/cleardb