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| Web App  **GitHub repository Paddyyyyyyyy/mortyFinal**  12/11/2016  Patrick lawlorX15014584: Fearghal McMorrowx15540607: Colin Allen x15413812: Eva Ezergaile |

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# GitHub repository [Paddyyyyyyyy](https://github.com/Paddyyyyyyyy)/[mortyFinal](https://github.com/Paddyyyyyyyy/mortyFinal)

**Web Applications Development**

HTML & CSS, JavaScript/JQuery, XML/JSON, AJAX and PHP/Node.js

Html Pros: Probably the easiest of all the languages to learn and master, therefore it is the most popular and widely used of all computing languages. It supports multiple languages and is supported by multiple languages and best of all its free and it can go anywhere.

Html Cons: It is default setup to read and accept American English, ie: color and organize. It requires a browser to interpret the language correctly. As a whole there are not many negative elements of html because it’s basically only a mark-up language.

CSS Pros: Cascading Style Sheets quickly create several pages in the exact same style and format. The consistency of css is handy as well as its ease of use. It supports multi browser support and controls the style of your web application.

CSS Cons: The speed is the biggest factor in all of today’s web applications. Any slow applications will be skipped and internal css embedded in html can slow down page load times. Whereas html is the easiest language, css is a lot different and is more or less a whole new language to learn. Other applications such as Adobe Dreamweaver can complicate the creation of websites with messy errors.

JavaScript Pros: Javascript is client side and a relatively easy language to pick up and learn. Unlike css, JavaScript is relatively fast when getting data to the end user who can also extend the functionality with their code rather easily.

JavaScript Cons: The main disadvantage with JavaScript is security. Having open functionalities allow people with negative intentions to try come in and break your work with malicious code. This in turn enrages developers all over the world.

JQuery Pros: Another language that can be picked up with ease, JQuery is the language you use to wow people and/or clients. JQuery can do all of the exciting front end things css can do but with much more ease and open source.

JQuery Cons: Open source has its own drawbacks with JQuery and security is always an issue. There are also several versions of JQuery out there which don’t play well with each other. Theres also speed and spaghetti code issues which need steps to avoid falling into, tricky for new developers.

PHp is incredible for sending and receiving data and is the standard in todays fast paced moving world.

The negative side of php is it is not as user friendly as other languages and there are certain security issues with php that can be exploited by the negative side of the world wide web.

We really enjoyed this project albeit it not running as smoothly as initially thought. We had very little time for fact finding and collaboration. We pulled together a nice rich internet application to mirrow our favourite animated cartoon, Rick and Morty. To say we went overboard on css is an understatement but that is our strong suit as a team as we were all poor with php, ajax and xml. We tried our hardest to divide as much work as possible but our cumulative skillset is short of what was necessary and our time restraints meant we couldn’t give every area its full requirements but we stand by our application. We are very happy with our work and proud to show it off even though we couldn’t complete all of our goals. It was a hard task but we got as much as humanly possible done, as our whole group has to work weekends to pay for college. We believe our website has potential and given the right time and budget we believe we could expand on the current site, evolve it, and place it online where t belongs. Our process had its difficulties, with codeanywhere in particular not letting some of us work or upload without having to pay for a premium version. We just hope you genuinely look through our mountain of code and see the effort we put into this and we get marked as the beginners we are who had to learn a lot of new skills and get better at our existing ones. It won’t be a distinction grade application but we gave this assignment everything we had and we hope you enjoy, thanks,