Blue Barracudas

Software Construction Strategy

1. **Have you agreed on a programming language, compiler, editor, debugger?**

* We decided that we will use html, javascript and PHP as the programming languages that we may need to use in order to create the program. We still have not decided on what compiler, editor and debugger to use.

1. **Will you start with logic or user interface?**

* We decided that it`s best to start with the logic because the required design might change.

1. **Will you start with the main menu and move to each module, then per function/class?**

* We are planning on dividing the work amongst ourselves to maximize our time and combine our outputs in the end. Therefore, we will make the main menu the last.

1. **How will you check compliance of your code with the coding standards defined for your team?**

* I will have them strictly follow the coding standards so that it would be easier for each member to understand the codes fully.

1. **What is your coding practice with regards to error handling? security (such as validating user** inputs and referential integrity)?

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1. **Will programmers code in pairs ("pair programming"), or individually, or a combination of both?**

* As mentioned earlier, we would divide the work among the team and then combine our outputs in the end but we would still try and help each other if the need arises.

1. **How will you use GitHub to manage version control of your code?**

* Each member will use GitHub in order to recall the change/s they have made as they progressed in coding the program.

1. **How will you handle revisions? What revision control tool will you use?**

* The team will use GitHub.

1. **Will you allow the use of non-standard language features?**

* I will not allow non-standard language features as this might cause confusion among members of the team.

1. **Will programmers write test cases for their code before writing the code itself?**

* Since the work will be divided among the members of the team, test cases will be made by each member so that he/she can check if his/her code is functioning correctly.

1. **Will programmers step through their code in the debugger before they check-in their code (to the repository)?**

* **No, all code that must be put in the repository must be bug-free and debugging should be done by the programmer who wrote the code and in case the program/code contains a bug, this should explicitly state in a comment.**

1. **Will programmers integration-test their code before they check-in their code to the code repository?**
2. **Will programmers review or inspect each other’s’ code?**

* Yes, the programmers will check each other`s code if the member asks for help. But as the lead dev, I would like my members to review each other`s code in order to provide comments and further improve the current code.