

June 12, 2018

605.601.83.SU18

Foundations of Software Engineering

Team Charter

Team Bright Ideas

kevin hicks;fiona lyons;jennifer walker

# Team Biographies

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|  | KEVIN HICKS Kevin serves as the Lead Architect, Lead Tester, and Assistant Quality Assurance Engineer for Team Bright Ideas. Kevin has experience conducting data analysis as well as developing system/mission models and mitigations in support of system vulnerability assessments. Kevin has a Bachelor of Science in Electrical Engineering from Morgan State University and is currently pursuing a Master of Science in Computer Science from Johns Hopkins University. Kevin hopes to use his model development experience to cross over as a contributor to the software development process supporting life cycle model and requirements development and testing. | |
| FIONA LYONS Lead Editor, Configuration Manager, and Lead Developer. Fiona has experience in coding in a variety of languages such as C++, Java, Python, and bash. The majority of her development takes place in a Linux command line environment, using text editors such as Vim and Gedit. There are many unforeseen issues in any project, especially when it comes to software development, so Fiona manages a Git repository for every project she works on, and constantly makes backups. She has experience with configuration management for both small teams and large ones. | | C:\Users\Admin\Desktop\IMG_20180430_120639_3.jpg |
| Macintosh HD:Users:walkerj:Desktop:docs:Screen Shot 2017-01-24 at 7.41.27 PM.png | JENNIFER WALKER Project Manager for Bright Ideas. Jennifer has experience as a Project Manager for a project called GameLabs, a group of STEM kits to teach kids about electronics, and variety of projects as an Engineer Officer in the US Army. She has a MS in Network Engineering and Management from Depaul University and currently pursuing a MS in Cybersecurity from Johns Hopkins University. Her technical experience includes network engineering and Linux system engineering. | |

# Team Roles

Configuration Management: Fiona Lyons

The Configuration Management team is responsible for backing up all documentation relevant to the project, and maintaining a history of software iterations.

Architect: Kevin Hicks

The Architecture team is responsible for making design choices as well as determining technical standards to abide by for the project in regards to software coding, tools, and platforms.

Development: Fiona Lyons

The Development team is responsible for writing and thoroughly documenting the code for the software product and following the design provided by the Architecture team.

Testing: Kevin Hicks

The Testing team is responsible for stress-testing the software product, and relaying any issues encountered to the Development team for repair.

Software Quality Assurance: Jennifer Walker & Kevin Hicks

The Software Quality Assurance team is responsible for monitoring the software engineering processes and methods throughout the development lifecycle to ensure the developed software meets and complies with desired requirements.

Documentation and Editing: Fiona Lyons

The Documentation and Editing team is responsible for generating documents for delivery, and ensuring they meet requirements.

Presentation: Jennifer Walker & Kevin Hicks

The Presentation team is responsible for generating and delivering the final presentation given with the delivery of the software product.

Project Manager: Jennifer Walker

The Project Manager will provide guidance to develop the software product, and if there is disagreement the Project Manager will be the final say in settling it.