



Naval Information Warfare Center Atlantic

NavalX Palmetto Tech Bridge Network and Data Center Intelligent Assistant (NADIA)

Palmetto Tech Bridge Kick Off
College of Charleston

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Palmetto Tech Bridge

- ▼ Network and Data Center Intelligent Assistant (NADIA)
 - Troubleshooting and Reference assistant:
 - The system/network manager would use this assistant when an issue on the network arose.
 - Manually trigger the assistant by clicking from the network image or it could be triggered automatically when a critical failure occurred and was displayed on the network image.
 - The trouble shooting image would attempt to identify the problem and make recommended fixes after the operator concurred with those corrections.
 - Utilize ML/AI along with natural language processing to search all available documentation for the system/network manager's query.
 - Automatically provide reference information when queried from the troubleshooting assistant

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▼ Key Steps

- Develop the requirements
 - Scope the project
 - Develop training data
- There would be 4 architecture developments
 - Integrated System Architecture
 - Identify tool interfaces, input and outputs, APIs, etc.
 - Visual Network User Interface
 - Reference Assistant
 - Troubleshooting Assistant
- Design the Tool interfaces

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Questions?

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