



# Software Development for a Scheduling Site

Abe De La Palma | Shari Salas | Ashley Bruce



NREIP  
NAVAL RESEARCH ENTERPRISE  
INTERNSHIP PROGRAM

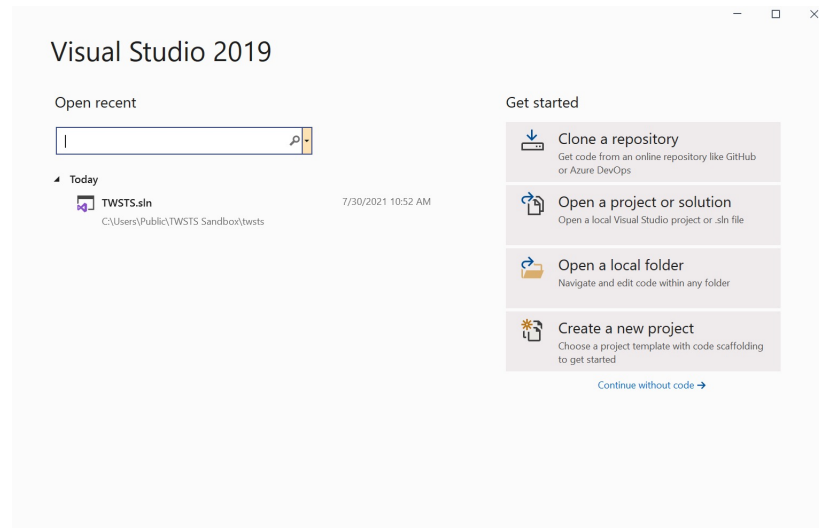
## Project Objective and Intern Contribution:

Our aim was to improve the Target Web-based Scheduling and Tracking System (TWSTS) that is used by the Operation Support Branch to schedule, manage and track event requests. The current website lacks features that can track personnel and their qualifications that are necessary to help schedule events for customers. We are developing the features that will track personnel to make it easier to assign them to events.

The methods we used to accomplish this aim were using different programming languages to edit the TWSTS website. The main programming languages we used were HTML, CSS, and JavaScript. Also, each intern had a clone of the TWSTS website that we were each able to develop locally on our laptops to add features to the website.

We were assigned to solve issues from the current TWSTS website by creating web development features. Some of these features include drop-down menus and input fields that will be used by support personnel to keep track of their qualifications.

Our contributions were to provide the code, create designs, and give screenshots for the development features. We are providing a framework to the Operation Support Branch that will be further tested and eventually implemented.



**1. We are proud of learning to become software developers for web development in less than 8 weeks. We don't have much experience with coding, and we were able to learn different coding languages to help with the project.**

**2. This internship was valuable because we were able to learn skills from the workforce that aren't always gained through school such as communication and working in a team.**

**3. Our advice for future cohorts is to be prepared to challenge yourself with a project you may not have much experience in or knowledge about. However, keep working hard, ask questions, and be willing to learn something new and you can do it!**

## Results / Accomplishments / Next Steps:

We demonstrated that Personnel and Qualification Development Features can be added to the TWSTS website to keep better track of the support personnel.

The impact for the Navy is we are helping bridge the gap between the support personnel and their customers for fleet training and testing and evaluation.

What's most important is providing the basic code and designs to the Operations Support Branch that will be given to the Software Branch for integration.

In the future this work will be able to be further developed by the Software Branch and eventually implemented to the website.

## Support Personnel Qualifications

CRM:	<input type="text" value="mm/dd/yyyy"/>	<input type="checkbox"/>
ORM:	<input type="text" value="mm/dd/yyyy"/>	<input type="checkbox"/>
Medical:	<input type="text" value="mm/dd/yyyy"/>	<input type="checkbox"/>
TTOPS:	<input type="text" value="BQM-177A"/>	<input type="text" value="10/26/2021"/>
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