



**MADELABS**  
TECHNOLOGY

# **Vessel Vanguard**

VV360

Architecture and Performance  
Assessment

Statement of Work

10/29/2025

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# Introduction

MadeLabs is pleased to submit this Statement of Work to Vessel Vanguard, in response to a request from Brian Hagan. This Statement of Work describes the activities to be performed.

Specifically, the MadeLabs team will collaborate with Vessel Vanguard to evaluate the architecture and application performance for VV360.

# Activities and Deliverables

During this focused engagement, MadeLabs will work closely with Vessel Vanguard to ensure that all work and deliverables are provided in a timely manner in accordance with this agreement as outlined below.

# Scope of Work

MadeLabs will work with Vessel Vanguard to evaluate the VV360 application hosted in AWS, review the engineering conducted to date and provide findings and recommendations.

The MadeLabs team will:

1. Review production application performance, health, and logging.
  - The team will either inspect the AWS logs and tooling or install DataDog for the term of the engagement to help collect and monitor information on performance. If necessary, DataDog requires a monthly cost of less than \$200, which may be added to the cost of the engagement with approval from Vessel Vanguard.
2. Review the code and database design, looking for poor performing areas and bottlenecks as well as optimization issues at the data layer where most performance problems occur.
3. Load Testing
  - For identified areas of significant impact or risk, the MadeLabs team will create load tests to be run against the current state of the application.
  - These load tests will become the property of Vessel Vanguard and may be run in the future to confirm remediation of performance issues. Additionally, at Vessel Vanguard's discretion, they may share the results of the tests with customers to demonstrate the platform's effective scalability in the future.

Throughout this process, the MadeLabs team will work with the Vessel Vanguard technical team to execute the scope of work above. MadeLabs will report to Brian Hagan, and any other relevant members of the Vessel Vanguard team on the results of the testing and any reports

completed.

## Deliverables

MadeLabs will provide documentation and reporting on the above work and make recommendations on the best courses of action as they relate to the needs of Vessel Vanguard.

## Roles and Responsibilities

### Vessel Vanguard Responsibilities

Vessel Vanguard shall afford MadeLabs access to the necessary staff at various times throughout this engagement to allow MadeLabs to fulfill the commitment of the services specified. MadeLabs will make every reasonable effort to limit the demands on Vessel Vanguard personnel's time.

#### Obligations:

- Assign a primary point of contact from Vessel Vanguard to manage the engagement (currently, this is Brian Hagan).
- Notify MadeLabs of any changes to key personnel from Vessel Vanguard who are responsible for the engagement.
- Provide appropriate access to systems, networks, tools, or personnel to fulfill the commitment of services specified.
- Ensure timely review and feedback of all deliverables provided by MadeLabs to fulfill the commitment of services specified.

### Mutual Responsibilities

#### In support of the success of this engagement:

- Both parties will conduct meetings at mutually agreed upon times.
- Support and provide sufficient representation at these meetings to move the work and deliverables forward.
- Collaborate to adjust the schedule in the event of a newly discovered requirement, change, or significant technical discovery.
- Meet periodically throughout this engagement, either in person or through electronic means, to ensure expectations are being met, resolve any issues, and plan for the next phase of development.

## MadeLabs Responsibilities

- Provide qualified resources to complete the upgrades and development and provide recommendations on the current state of development and future iterations.
- Perform the duties as outlined in the Activities and Deliverables.
- Provide, at minimum, weekly progress updates in addition to ad-hoc discussions regarding work.

## Schedule

Activity	Date
If not provided already, access to the relevant systems and repositories for: <ul style="list-style-type: none"> <li>- Adam Broadbent (<a href="mailto:adam.broadbent@madelabs.io">adam.broadbent@madelabs.io</a>) and</li> <li>- Nicholas Barger (<a href="mailto:nicholas.barger@madelabs.io">nicholas.barger@madelabs.io</a>)</li> </ul>	Monday Oct 29, 2025
Begin Evaluation and Orientation	Thursday Nov 10, 2025
Completion of Testing and Deliverables	On or before: Friday Dec 19, 2025

## Location

MadeLabs will conduct all work remotely.

## Fees and Expenses

This engagement is **fixed in scope and priced at a discounted rate of \$12,000 and expected to take 4-6 weeks**. MadeLabs resources will be used to leverage various skill sets based on the agreed-upon scope.

If changes to the scope are requested by Vessel Vanguard, they will be estimated at \$150/hour. Any change in scope will be discussed beforehand and agreed upon by all parties. Such changes will be addressed outside of this agreement in a separate Statement of Work.

Vessel Vanguard will be invoiced in two separate payments of \$6,000 to be paid before work begins and upon completion of testing and deliverables.

# Signatures

## Agreement

MadeLabs and Vessel Vanguard agree to the Statement of Work outlined above and the associated costs.

Accepted By:

Madelabs LLC

Signed by:  
By: Nicholas Barger  
6139462ABEFF4E0...

Print Name: Nicholas Barger

Title: CEO

Date: 10/29/2025

Vessel Vanguard

Signed by:  
By: Brian Hagan  
6B74CD75CE0E416...

Print Name: Brian Hagan

Title: CEO

Date: 11/4/2025