

An aerial photograph of a large cargo ship sailing on the ocean. The ship is heavily loaded with stacked shipping containers in various colors like red, blue, and green. A small tugboat is visible to the left, and the wake of the ship cuts through the water.

P.A.C.D

PROFICIENCY AND COMPETENCE DRIVEN



Maadd Slackers



Employee Training

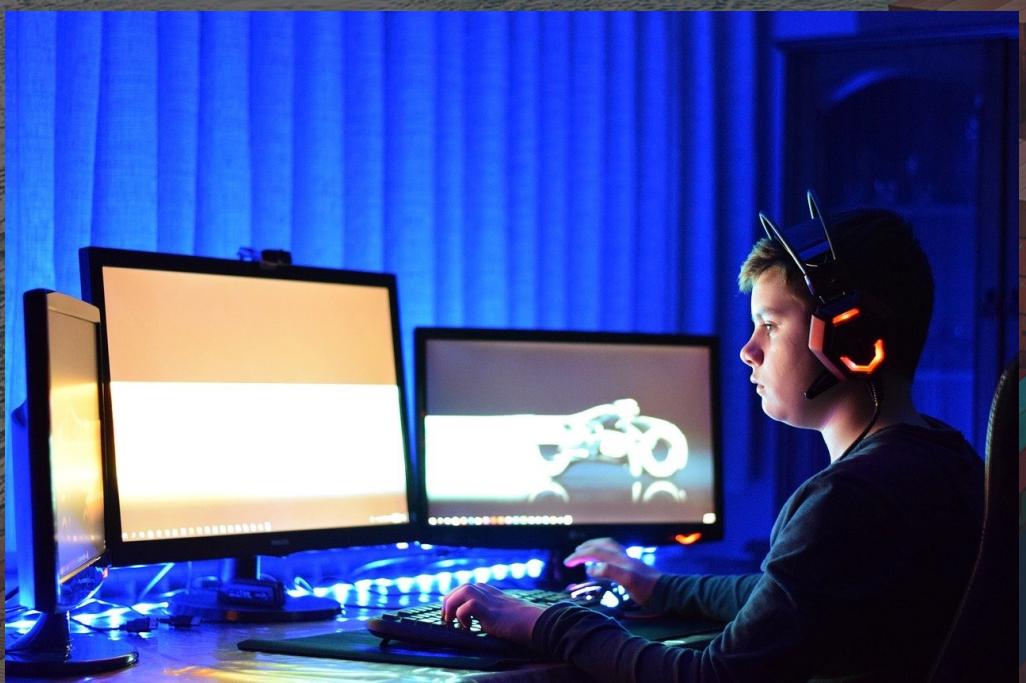
74%

**Of employees think
they have a lot of
untapped potential
and want more
training**

89%

**Of HR leaders agree
that constant employee
training is essential**

Gamification + Maritime



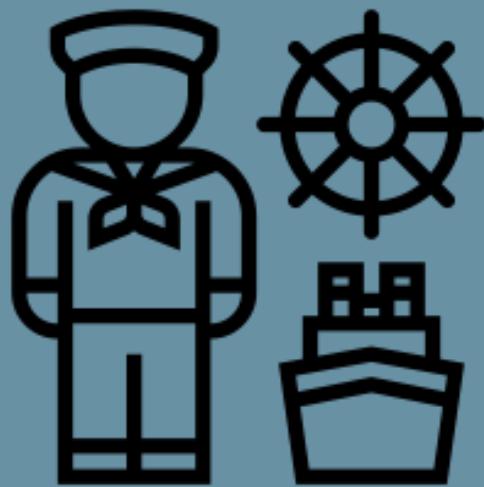
Gamification + Maritime



Problem



Trainers

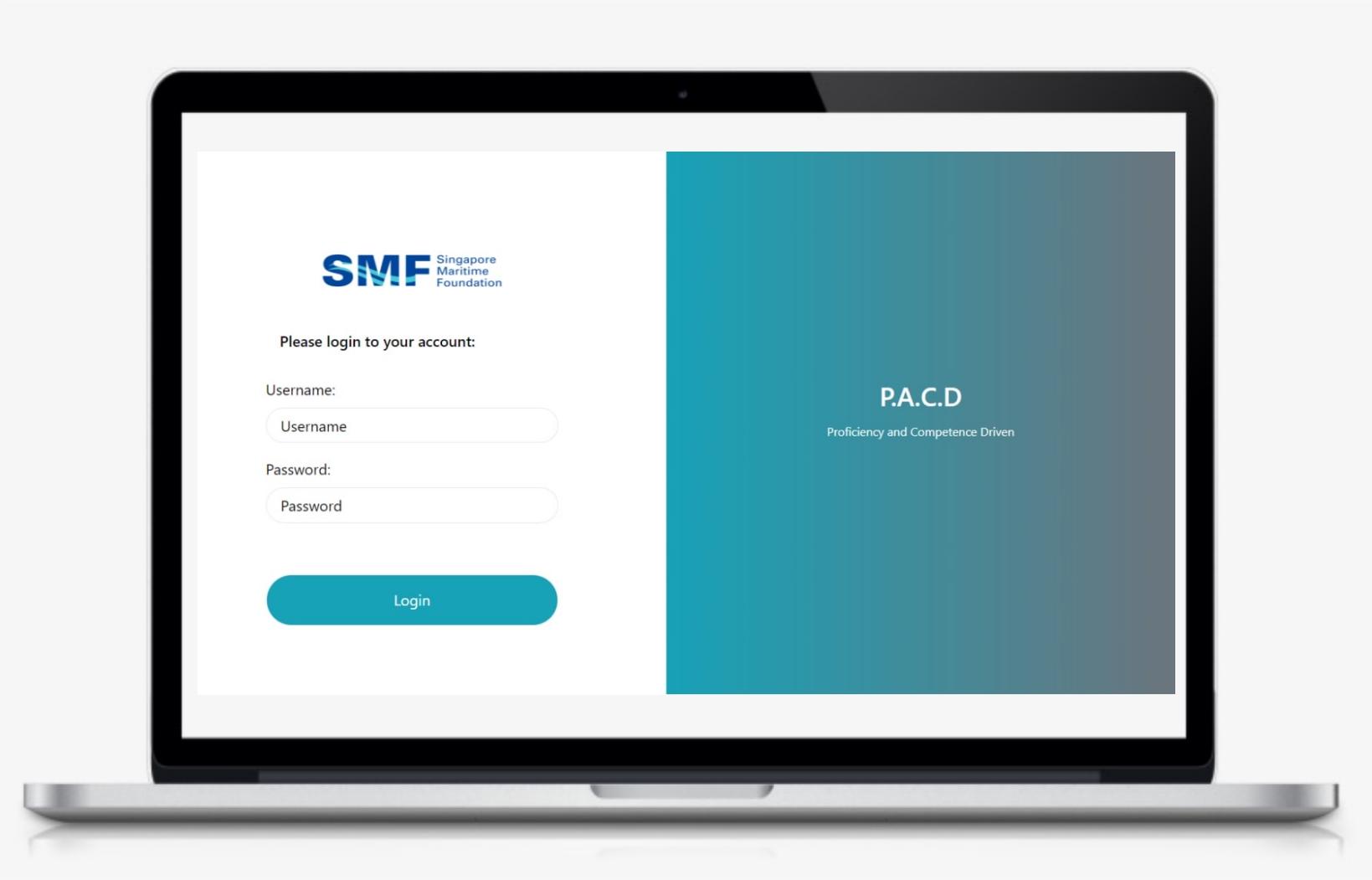


Onboard & Onshore Staff



HR/Department Heads

Introducing



Main Dashboard

 MARITIME FOUNDATION

Main Dashboard HR Dashboard Trainer Dashboard Trainee Dashboard Virtual-Tour Log-Out



Details

Name: Chirag
Shivakumar

Email:
chirag_shivakumar@mymail.sutd.edu.sg

Departments: HR,
Trainer, Trainee



Singapore Maritime Foundation

The Singapore Maritime Foundation (SMF) was established on 27 January 2004 to forge dialogue and cooperation between private and public maritime stakeholders. We work with stakeholders across the entire spectrum of the industry, including the marine, shipping, port and ancillary services. Over time, this strong industry support has enabled us to reach out directly to the community for ideas and initiatives that strengthen the maritime ecosystem.

As their representative voice, we collectively raise awareness of the Singapore maritime industry. Our outreach activities include industry and scholarship talks, and regular networking events for employers and tertiary students.

[LEARN MORE](#)

Singapore Maritime Foundation

Chat with us! 

Main Dashboard

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[LEARN MORE](#)

Chat with us! 

Hello there!

Question 1

Answer 1

help

Please check
<https://www.mpa.gov.sg/web/portal/home>
for more information. If not, please
email us at
digitalPORT@mpa.gov.sg.

Tap 'Enter' to send a message 

Details

Name: Chirag Shivakumar

Email: chirag_shivakumar@mymail.sutd.edu.sg

Departments: HR, Trainer, Trainee

Singapore Maritime Foundation

HR Dashboard

Trainee Name	Email	Points
--------------	-------	--------

ankita	prachisuthar12@gmail.com	100.0
--------	--------------------------	-------

ankita	prachisuthar12@gmail.com	100.0
--------	--------------------------	-------

cs	chiragshivakumar@gmail.com	100.0
----	----------------------------	-------

cs	chiragshivakumar@gmail.com	100.0
----	----------------------------	-------

[Add Users](#)

HR Dashboard

Please create an account:

Full name:

Full Name

Email:

Email

Username:

Username

Password:

Password

Confirm password:

Re-Enter Password

HR:

Trainer:

Trainee:

Sign Up

Add Users into the Database

Trainer Dashboard

Module 1

Topic	Files	Remove
Ship Brokering	lesson_module1/ship_brokering.pdf	Delete
Chartering	lesson_module1/chartering.pdf	Delete
COA Management	lesson_module1/COA_management.pdf	Delete

UPLOAD QUESTIONS

Trainer Dashboard

Add New Learning Material:

Topic:

Pdf file:

No file chosen

Upload

Supplementary Resources

Trainee Dashboard



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Details

Name: Chirag Shivakumar

Email:
chirag_shivakumar@mymail.sutd.edu.sg

Roles: HR, Trainer, Trainee

Modules:

Module 1

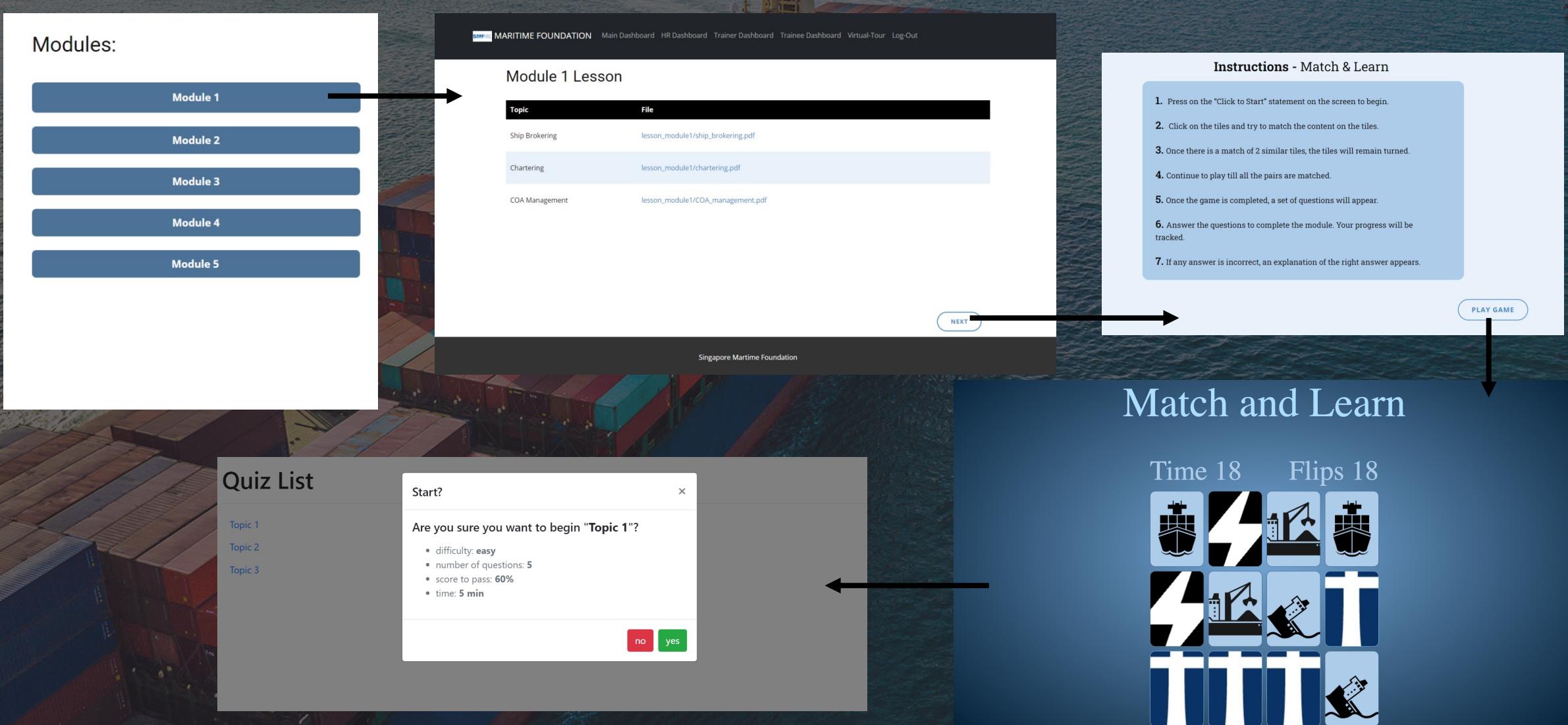
Module 2

Module 3

Module 4

Module 5

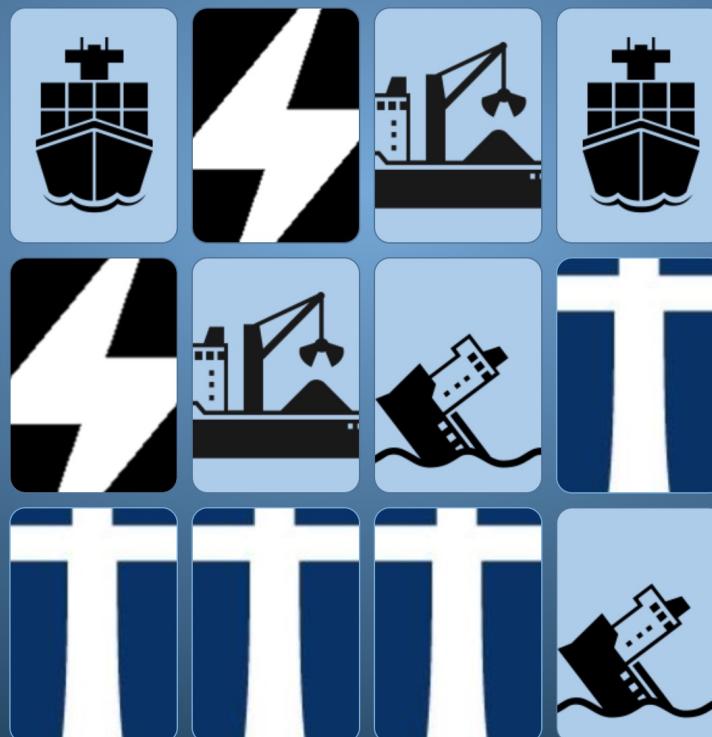
Module Flow



Game 1: Match and Learn

Match and Learn

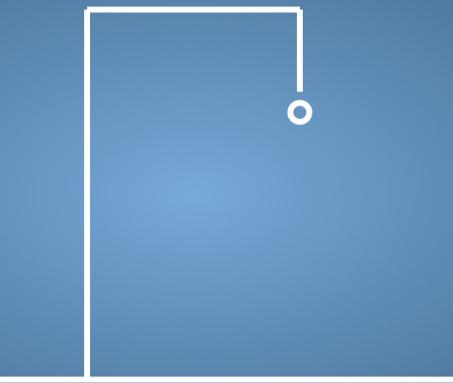
Time 18 Flips 18



Game 2: Hangman

Try to guess the hidden word below before it's too late! You can guess either one letter at a time or the whole word, but if you get the word wrong you lose 2 guesses!

PLAY AGAIN



E A S T P O R T

Guesses left: 5
Guessed letters: F, D, H, I, K

Streak: 5
Average score: 72%

Quiz

Quiz List

Topic 1

Topic 2

Topic 3

Start?

Are you sure you want to begin "**Topic 1**"?

- difficulty: **easy**
- number of questions: **5**
- score to pass: **60%**
- time: **5 min**

[no](#) [yes](#)

Option 4

Question 5

- Option 1
 Option 2
 Option 3
 Option 4

[save](#)

Congratulations! Your result is 100.00%

Question 2 answered: Option 2

Question 3 answered: Option 3

Question 1 answered: Option 1

Question 4 answered: Option 4

Question 5 answered: Option 1

[Trainee Dashboard](#)

Topic 1

score to pass: 60%

[go back](#)

Question 2

- Option 1
 Option 2
 Option 3
 Option 4

Question 3

- Option 1
 Option 2
 Option 3
 Option 4

Question 1

- Option 1
 Option 2
 Option 3

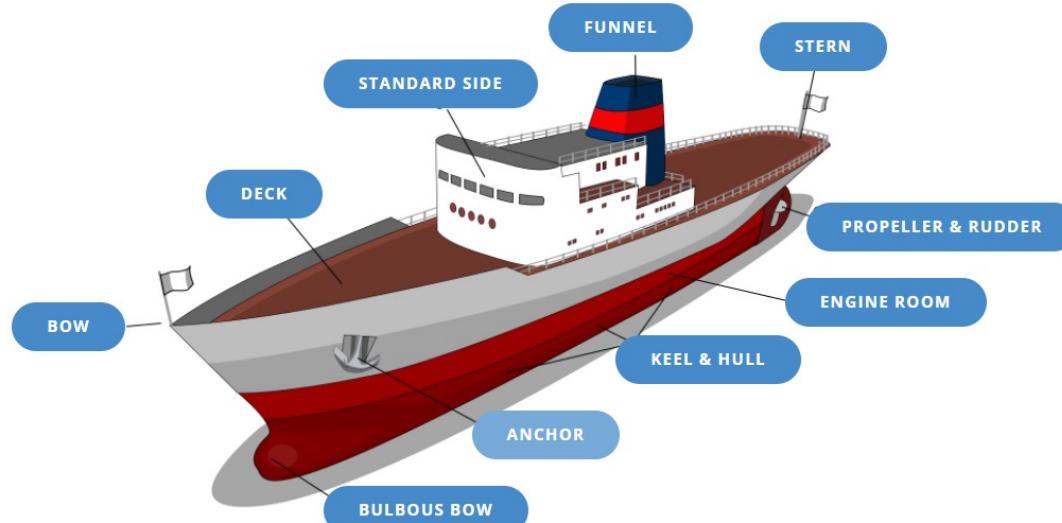
04:53

Virtual Tour



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Anchor

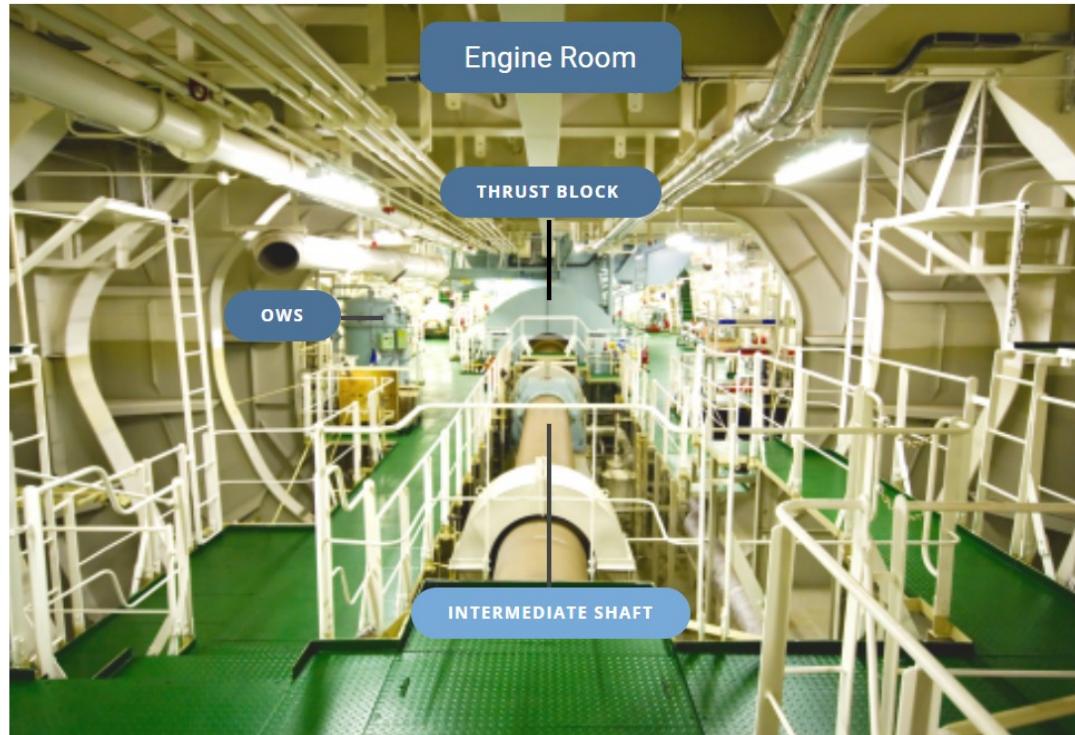
The anchor is made of metal and attached to the ship by heavy chains. An anchor is used to keep the ship in place while waiting to dock.

Virtual Tour



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Intermediate Shaft

The intermediate shaft is an important component that transmits power from the engine to the propeller shaft.

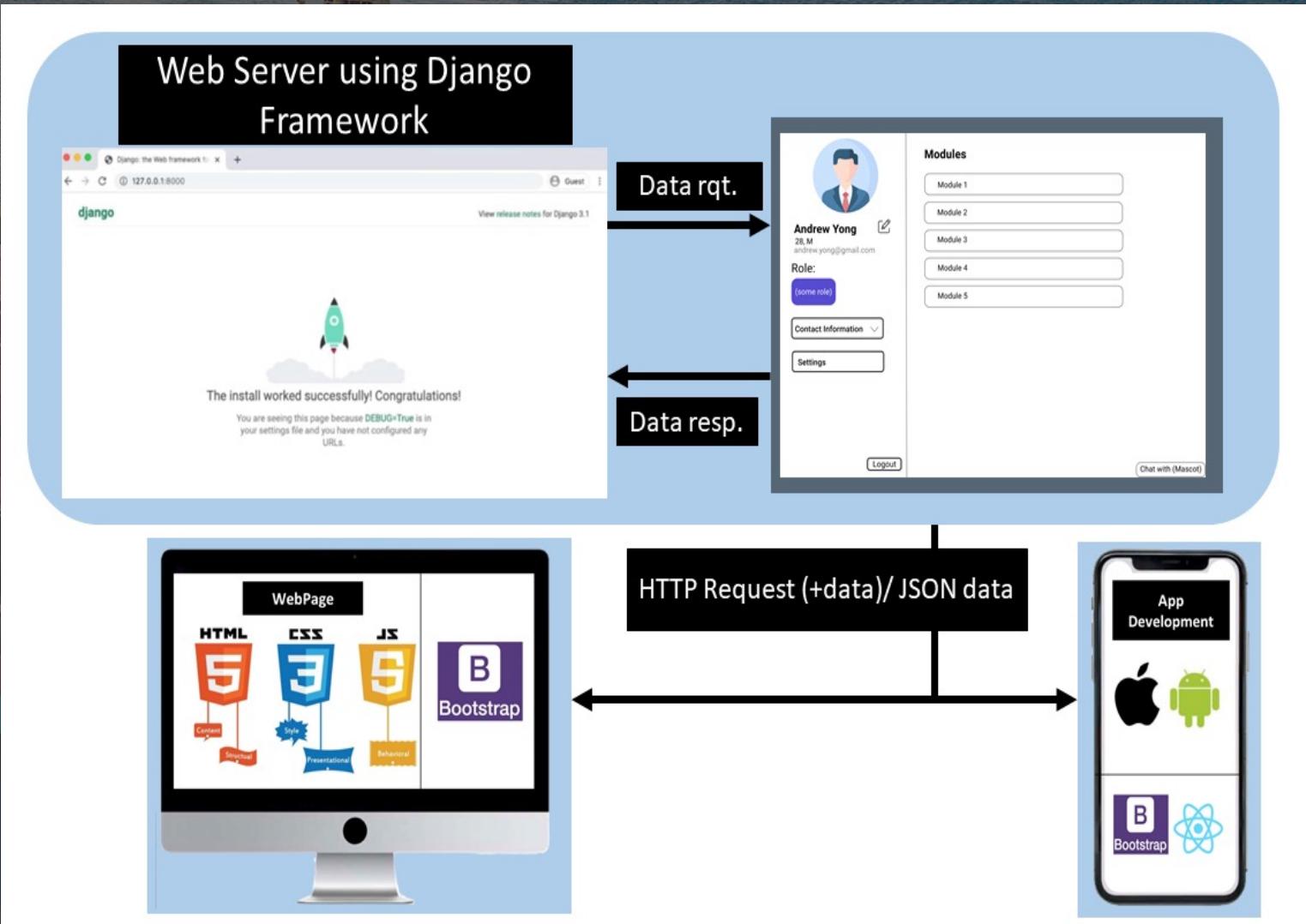
Technology Used

**Framework : Django,
Bootstrap**

**Languages: HTML, CSS,
JavaScript, Python**

Database: SQLite

**Additional Software:
Nicepage**



Competitor Analysis

					
User Engagement	√	√	√		√
Quiz	√	√	√	√	√
Games		√			√
Learning	√		√	√	√
Ease of use			√	√	√

Expenses

	Costs
Azure (Microsoft) to host server	< \$15 /month per site for 1 GB = \$180 /year
Hosting a large server	\$55 /month = \$660 /year for 10 GB
Maintenance of server - minor bugs in the website (WebBuddy)	\$115 /month per website = \$1380 /year
Total	\$2220 /year approximate

WebBuddy: <https://webbuddy.sg/pricing-plans/>

Azure pricing: <https://djangostars.com/blog/top-django-compatible-hosting-services/>



WebsiteDemo



**DIGITALIZATION IS
THE NEW COOL**

P.A.C.D

THANK YOU



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Citations/ References

- 1) Mirazoqui, S. (2020, July 28). *Django: Top 9 reasons why you should use it*. Asap Developers. <https://www.asapdevelopers.com/django-reasons-why/>
- 2) Singapore Maritime Foundation. (n.d.). *Maritime Careers - SMF* [Image]. <https://www.google.com/imgres?imgurl=https%3A%2F%2Fwww.smf.com.sg%2Fwp-content%2Fuploads%2F2019%2F01%2F32-masthead-maritime-singapore-connect.jpg&imgrefurl=https%3A%2F%2Fwww.smf.com.sg%2Four-work%2Fmaritime-careers%2F&tbnid=c4wAXgR2BIFw9M&vet=12ahUKEwjGrqHiwPPyAhXCaCsKHYhPAUYQMygFegUIARDHAQ..i&docid=WjzKtvFR809gM&w=1920&h=1080&q=maritime%20singapore&ved=2ahUKEwjGrqHiwPPyAhXCaCsKHYhPAUYQMygFegUIARDHAQ>
- 3) <https://djangostars.com/blog/top-django-compatible-hosting-services/>
- 4) <https://pixabay.com/photos/child-play-game-technology-3264751/>
- 5) <http://www.helixpr.asia/singapores-goodwood-ship-management-launches-new-training-center-office-mumbai/>
- 6) <https://www.piqsels.com/en/public-domain-photo-ojpbs>
- 7) https://www.pngkit.com/view/u2w7t4r5e6q8u2e6_laptop-empty-macbook-pro-template-png/
- 8) <https://leftronic.com/blog/employee-training-statistics/>
- 9) <https://www.makeuseof.com/duolingo-tips-language-learning/>
- 10) <https://www.businessinsider.com/coursera-plus>