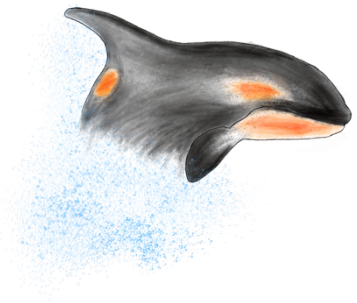
1

WHALE

With **RackCorp** *IaaS*



What's WHALE?

WHALE is the acronym of WHolistic Approach Learning Environment, it's the learning platform of the Faculty of Industrial Education and Technology, KMITL, Thailand.

Goal of WHALE

To support the project of hybrid program at our Faculty which is focused on the human resources development in the s-curve and new s-curve industry of Thailand.

Why we chose RackCorp?

In the education sector, we really concerned about the privacy of our learners and intellectual properties of our staff. So, the main features of IaaS for WHALE are

1. Secure the users' data and content for learning
2. Compliant with ICT related Act of Thailand



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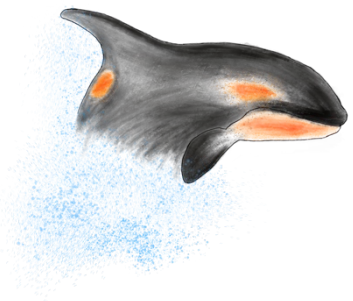
RackCorp, the secure cloud infrastructure services, has the data centre in Thailand and offers the other features that help to get our jobs done such as

- S3 compatible storage for the VoD system
- Easy to create, customize, and monitoring the Virtual Server
- Technical support via ticketing system

2

WHALE

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The Outcome

Our development team smoothly deploy the pilot project of WHALE on the RackCorp IaaS. This pilot project successfully serves the 3 courses with 230 learners in the semester 1/2020.

During the courses were running, we experienced the slow down of WHALE.
We use the realtime and historical statistics system in the admin portal to analyze this issue. After we found that 16 GB of RAM was not enough, we can instant increase the RAM to 32 GB to make WHALE work fluently again.

What's next?

In 2021, we plan to upgrade our WHALE platform to a new version with more enhanced features and support more concurrent users. We believe that with the IaaS and technical support from RackCorp, the WHALE will be successful to be the platform for our hybrid program.



Visit WHALE at WHALE.education

Visit our Faculty at http://www.ietech.kmitl.ac.th

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