

FAID Quantum Web App

*Quick guide to getting started with
faidquantum.com*

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FAID Quantum Fatigue Assessment Tool Introductory Notes

The following documents are useful in regard to understanding FAID Quantum and Biomathematical Models (BMM).

Please note: a user of a BMM is responsible for understanding how it works and its suitability for the purpose it is being used for.

What You Need to Know about FAID Quantum

BMM Warning

Establishing a Fatigue Tolerance Level

FAID Quantum Web App User Guide

Getting Started

A user may:

1. Trial FAID Quantum by creating a new account and group
2. Be invited to join an existing group through an email invite and must create an account using the relevant email address

Trial FAID Quantum

Create New Account

Visit <https://faidquantum.com/> and select 'Start Using FAID Quantum'

'Sign up' for a new Account



License Agreement

If you Agree, 'Accept' the License Agreement.



Then check the Settings are correct for language locale.

Create Group

Enter a 'Group Name'
and select 'Next'



Welcome

1 Setup First Group 2 Done

Group Name *

Group Name

Create a new group. All your data will be stored under your group. You will be able to add more groups to your account. Depending on your subscription level you will be able to invite users to your group.

OR

If you have an invite code enter it now.

Invite ID *

Submit

Next

Create Assessment

Select 'Assessments' and
'Add New Assessment'



Assessments Manage ? CO

+

Add New Assessment

Assessment Name *

Name

Description

Cancel Save



Type 'Assessment Name'
and 'Save'

Join an Existing Group

If you have been invited to join a FAID Quantum group, 'Accept Invite' to go to faidquantum.com and create your account

The image shows two screenshots. On the left is an email invitation with the text: "Hi! You've been invited to join the group on the [FAID Quantum Web application](#). This invite is only valid for accounts created using this email." Below the text is a large orange button labeled "Accept Invite". An orange arrow points from this button to the right screenshot. The right screenshot is a browser window at <https://faidquantum.com>. It displays the FAID Quantum logo and the text "Welcome". Below the logo is a text input field for "Email address" and a blue "Continue" button. At the bottom, it says "Don't have an account? [Sign up](#)".

Create New Account

The image shows two screenshots of the FAID Quantum web application. The left screenshot is the "Welcome" page with the text "Log in to continue to FAID Quantum." and an "Email address" input field. Below the field is a blue "Continue" button. At the bottom, it says "Don't have an account? [Sign up](#)". There are also "Continue with Google" and "Continue with Microsoft" buttons. A central text box says "Sign up by creating new account or using Microsoft/Google account". The right screenshot is the "Create Your Account" page. It has a text input field for "your.name@xyzcompany" with an "Edit" link. Below it is a "Password" field with a strength indicator. A list of requirements for the password is shown: "Your password must contain:" followed by four checked items: "At least 8 characters", "At least 3 of the following: Lower case letters (a-z), Upper case letters (A-Z), Numbers (0-9), Special characters (ex. !@#%*&*)". At the bottom is a blue "Continue" button.

Submit the Invite

The image shows a screenshot of a "Submit" button on the left. An orange arrow points from the button to the right, where a text box contains the text: "To join a group, 'Submit' your Invite ID found in your invite email".

The image shows a screenshot of a "Submit" button on the left. An orange arrow points from the button to the right, where a text box contains the text: "To join a group, 'Submit' your Invite ID found in your invite email".

License Agreement

If you Agree,
'Accept' the License
Agreement



FAID® | Quantum
Fatigue Assessment Tool

License Agreement

1 2 Finish

FAID Quantum Web Service User Licence Agreement

It is a requirement that you agree with the licence below to access and use FAID Quantum Web Service.

1. Intended Purpose


1.1 FAID Quantum is a product which has been developed to assist in the assessment of fatigue associated with hours of work and rest.

I Agree **Accept**

2 Finish

Welcome:

Please select a language locale to use. Your language selection will also determine your date formats used. You can adjust your language later from the settings page.

 Language
English (US)

Example:
Monday, December 6, 2021 2:45 PM
12/6/2021
12/6/2021 2:45 PM

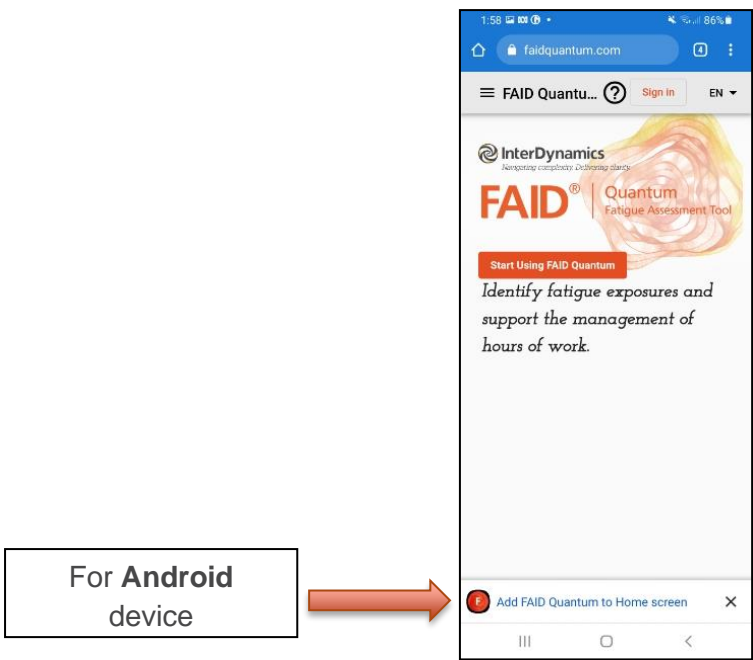
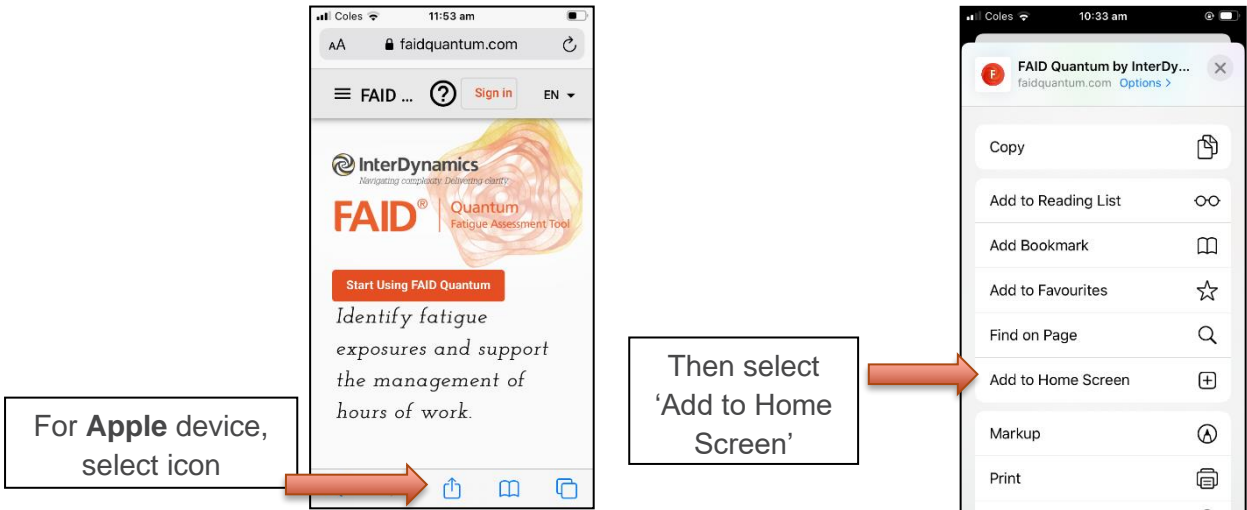
Back **Continue**



Then check the
Settings are correct
for language locale

Add Icon to Home Screen – For Smart Phone & Tablet

For ease of access, add icon to Home screen



Work Schedule

Licensed for: 20 IDs, 13 Analysis Weeks, 20 Assessments

FRED SMITH ✎

Fred Smith personal assessment

Edit Schedule

Select the 'Edit Schedule' button to get started

A schedule can be created in FAID Quantum or an existing schedule can be imported.

Schedule Import

Note: Data can be imported from .csv files. The file must contain the following required columns at a minimum: *ID/Name, Shift Start Time & Date, Shift End Time & Date.*

Schedule Dashboard

ID: Fred Smith

Analyse Schedule

Add User ID

Add Shift

Create Schedule

Import Schedule

Click Menu Button

Select 'Import Schedule'

1 Select a schedule file

Drop file here.

Browse... No file selected.

2 Define columns

3 Verify and import

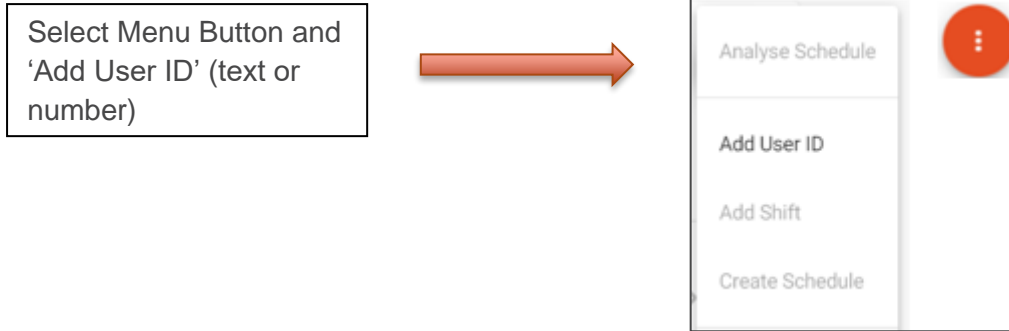
Cancel Import

Click 'Import'

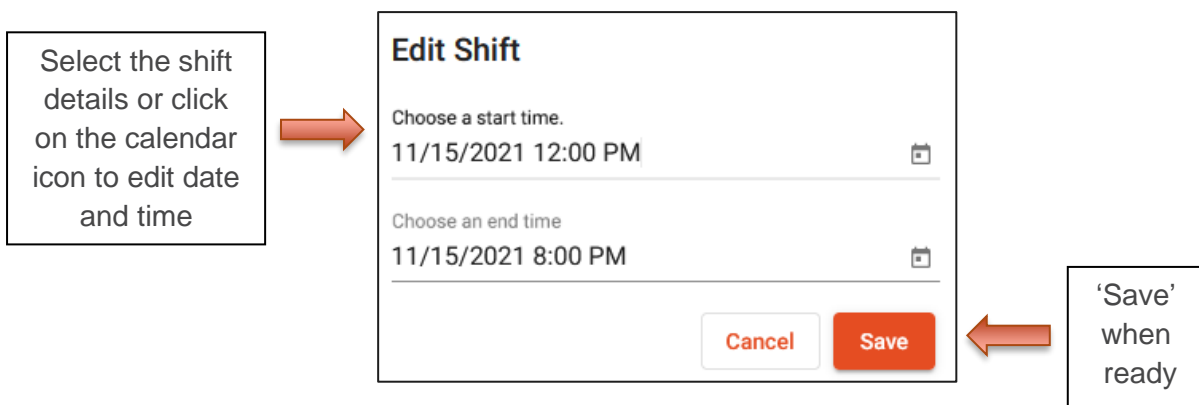
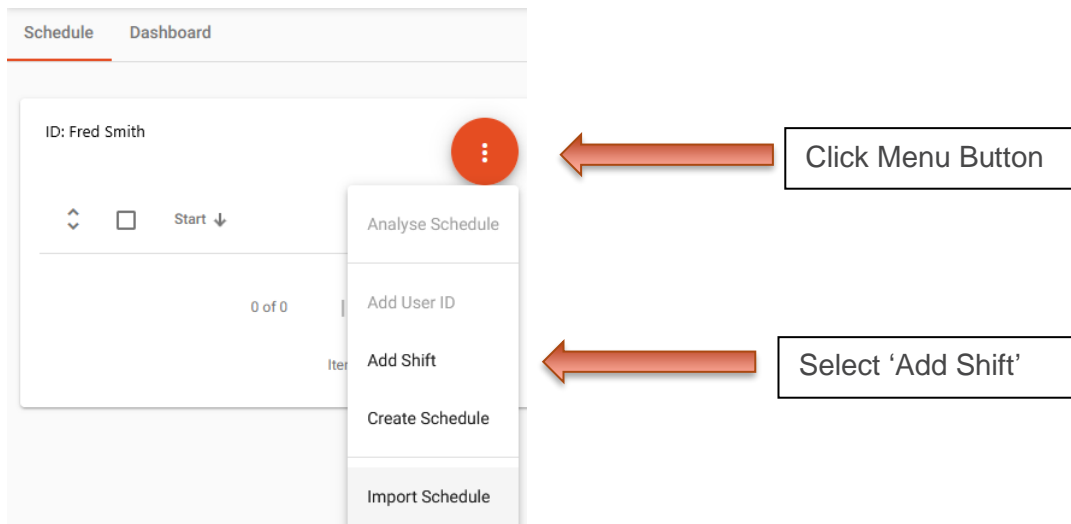
Select the work schedule file

Check and verify the details

Create Work Schedule



Add Shift to Schedule



Continue adding shifts until the Work Schedule is complete.

Analyse Schedule

ID: Fred Smith

<input type="checkbox"/>	Start ↓	End
<input type="checkbox"/>	11/14/2021, 12:00 PM	11/14/2021,
<input type="checkbox"/>	11/14/2021, 05:00 AM	11/14/2021,
<input type="checkbox"/>	11/13/2021, 01:00 AM	11/13/2021,
<input type="checkbox"/>	11/11/2021, 10:00 AM	11/11/2021,

- Analyse Schedule
- Add User ID
- Add Shift
- Create Schedule
- Import Schedule

Click Menu Button

Select 'Analyse Schedule'

Check the Analysis details
Ensure you have at least
7 days of Work History
before Analysing the Work
Schedule

Analyse Schedule

Tolerance Level Type
One

TL
FS
80

KSS
7

Start date
11/2/2021

Duration
 91

End date
 2/1/2022

Ids to Analyse: 1

Cancel Submit

'Submit' to Analyse

NOTE: The user is responsible for assessing the appropriateness of the tolerance levels applied. For more information read [Establishing a Fatigue Tolerance Level.](#)

Outputs

FAID® Quantum
Fatigue Assessment Tool

Fred Smith

Schedule Dashboard Schedule Summary Schedule Output Fatigue Plot Sleep Schedule

IDs Analysed: 1
Start: Nov 08 2021 - End: Nov 14 2021

- 100% FS Compliance (Target 98%)
- 100% KSS Compliance (Target 98%)
- 35 Peak FS
- 6.4 Peak KSS
- 35 Apparent FTL
- 6.4 Apparent KTL
- 80 FTL FS Tolerance
- 7.0 KTL KSS Tolerance

- Review different results from the selections at the top:
- Dashboard
 - Schedule Summary
 - Schedule Output
 - Fatigue Plot
 - Sleep Schedule

Schedule Dashboard Schedule Summary Schedule Output Fatigue Plot Sleep Schedule

Tolerance Level: 80
Start: Feb 15 2021 - End: Feb 18 2021

Filter by ID

FS KSS

ID	Total Hours Worked	Total Hrs > FTL	Compliance % FTL	Peak FAID Score	FAID Condition Green %	FAID Condition Yellow %	FAID Condition Red %
Rev 11.2	44.8	5.9	86.9	91	71.3	15.6	13.1

Switch between FAID Score & KSS Results

Sample

Schedule Dashboard Schedule Summary Schedule Output

Tolerance Level: 70
Start: Jan 21 2022 - End: Feb 23 2022

Select an ID: T1

FS KSS

Start	Duration
21/01/2022, 01:00	8hr
22/01/2022, 01:00	8hr
23/01/2022, 01:00	8hr
24/01/2022, 01:00	8hr
25/01/2022, 01:00	8hr
28/01/2022, 01:00	8hr
29/01/2022, 01:00	8hr
30/01/2022, 01:00	8hr
31/01/2022, 01:00	8hr

Sample

Schedule Dashboard Schedule Summary Schedule Output

Tolerance Level: 70
Start: Jan 21 2022 - End: Feb 23 2022

Select an ID: T1

FS KSS

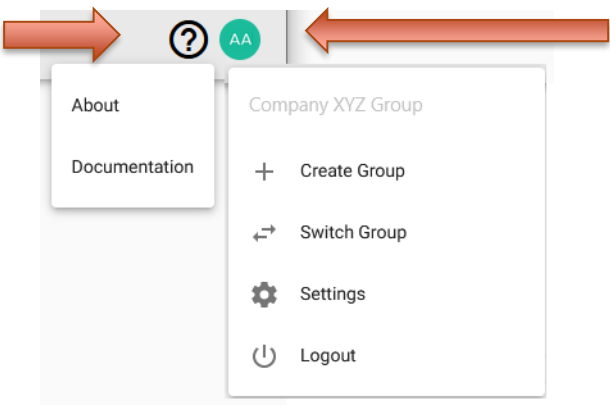
Start	Duration
21/01/2022, 01:00	8hr
22/01/2022, 01:00	8hr
23/01/2022, 01:00	8hr
24/01/2022, 01:00	8hr
25/01/2022, 01:00	8hr
28/01/2022, 01:00	8hr
29/01/2022, 01:00	8hr
30/01/2022, 01:00	8hr

End: 24/01/2022, 09:00
PFS: 82
GFC: 1hr 58min
YFC: 2hr 6min
RFC: 3hr 56min

On smart phone and tablet, select drop down arrows to expand view

Help and Settings

Click on ? icon to open the menu for About for more help and links, or select Documentation to access more online documents.



Click on Account icon to get the menu to Switch Group or access the Settings

Verify Account

Remember to verify your account. You should have received a verification email



VERIFY YOUR ACCOUNT

Email Verified

Your email address was successfully verified.



InterDynamics has a range of FRMS products which can assist your organisation in its journey towards a robust Fatigue Risk Management System.

Please contact us to find out more:

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