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# 1. Getting Started

To access FAID Quantum Web App, go to <a href="https://faidquantum.com">https://faidquantum.com</a>. FAID Quantum Web App can be accessed from a smart phone, tablet or computer.

TIP: If accessing from a smart phone, add icon for FAID Quantum Web App (Add on Home Screen) to allow improved useability.

To get started with FAID Quantum Web App:

- 1. Create an account
- 2. Create/join a group
- 3. Create an assessment
- 4. Enter work schedule
- 5. Analyse work schedule

To understand more about FAID Quantum and it's use as a fatigue assessment tool, go to What you need to know about FAID Quantum

### 1.1. Create an Account

To create an account:

1. Select the Start using FAID Quantum button

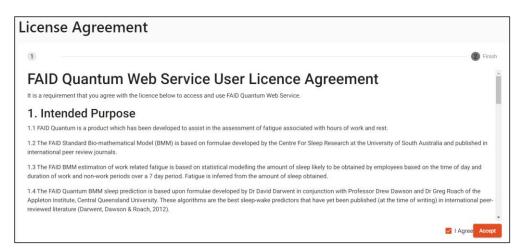


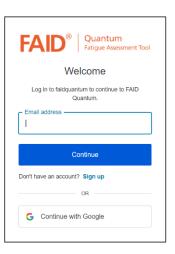
- 2. Select Sign up or Continue with Google/Microsoft
- 3. Enter your email address and a password, then select **Continue**

## 1.2. First Time User

## 1.2.1. License Agreement

The first time a user logs in to FAID Quantum, the user will be presented with a License Agreement. Read the agreement, select **I Agree** and then **Accept** the License Agreement.



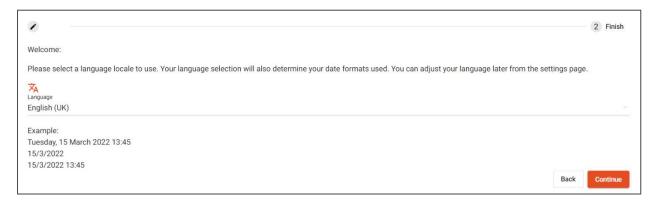


### 1.2.2. Language

Next the user will select their language.

Note: Language selected also impacts date formatting.

Select appropriate language then select Continue.



## **1.3. Group**

Depending on the user's subscription level, they may have more than one group attached to their account or multiple users accessing the same group.

Once the user is logged in, the user must create, or join a group.

### 1.3.1. Join Group

If the user has been invited to join an existing group, they will receive an email invite.

#### Either:

- 1. Enter the Invite ID (found in the email invite) into the Welcome Screen and select Submit, or
- 2. Follow the link in the email to accept the invite and join the group. An account must first be created using the specified email address.

### 1.3.2. Create Group

A group can be created from the Welcome screen or from the account icon (top right circular icon).



To create a group from the Welcome screen:

- 3. Enter a **Group Name** (The group name may be something such as the user's organisation or department name), then select **Next**
- 4. Select Create Account
- 5. The group has now been created

To create a group from the account icon:

- 1. Click top right circular icon and select Create Group
- 2. Enter a **Group Name** (The group name may be something such as the user's organisation or department name)
- 3. Select Save



### 1.3.3. Manage Group

#### 1.3.3.1. Switch Group

If a user has more than one group, the user can switch groups, by selecting the account icon (top right round icon), and select **Switch Group**.

#### 1.3.3.2. User Level

The group settings that are available for a user to manage will depend on their user level:

**Admin** – can edit settings/users and delete group

Manager – can edit settings/users but not delete group

Edit – can edit and analyse schedules but can not modify group defaults

### 1.3.3.3. Manage Settings

To manage a group's settings, select **Manage**.



Select the **Analysis settings** tab to set tolerance levels and analysis start period type.

Select the Users tab to add, edit or delete a user.

## 1.4. Settings

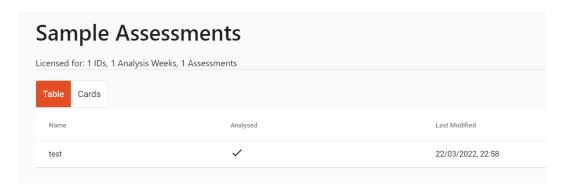
To view/edit account settings, select the account icon on, and select **Settings** from the list.

<u>NOTE</u>: Language selection will also alter date display mm/dd/yyyy (English) or dd/mm/yyyy (English (UK))

## 2. Assessments

Once the user's group has been saved, the user can add assessments. An assessment is the work schedule the user wishes to analyse.

### 2.1. Assessment View



The user can view saved assessments as cards or a table. The user can toggle between views by selecting **Table** or **Cards**.

If viewed as **Table**, the user can sort the table by selecting the arrow in the appropriate column heading.

## 2.2. Create an Assessment

1. Select **Assessments** (top right of screen)



- 2. Select Add New Assessment
- Enter an Assessment Name, and description, if required, then select



Name 1

## 2.3. Enter Work Schedule

To enter a schedule select Edit Schedule.



The user can either create a schedule or import a schedule.

#### 2.3.1. Create a Work Schedule

To create a schedule:





- 1. Select
- 2. Select Add User ID
- 3. Enter **User ID** (can be name or number), then select
- 4. Select
- 5. Select Add Shift
- 6. Use the calendar icon on time of the shift of the text, to enter start time and end time of the shift
- 7. If using the calendar icon, select the date, then adjust the time, then select

  Save
- 8. Continue to add shifts until schedule is complete

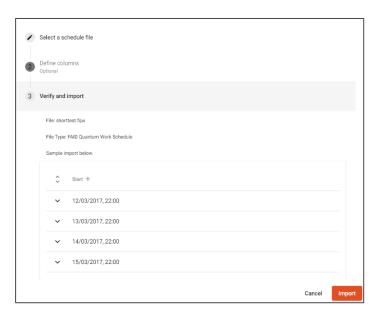
### 2.3.2. Import a Work Schedule

File types supported are .csv, .fqw. The file must contain the following required columns at a minimum: ID/Name, Shift Start Time & Date, Shift End Time & Date.

To import a schedule:

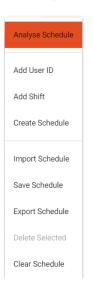


- Select
- 2. Select Import Schedule
- 3. Select Choose file
- 4. Choose the file and select **Open**
- 5. The columns will be automatically assigned. Select Define columns if the user wishes to check/alter assigned columns.
- 6. Select Import



#### **Analyse Schedule** 2.4.

To analyse schedule:







- 2. Select Analyse Schedule
- 3. Analysis details will be displayed. FAID & KSS Tolerance Level (TL -FS & KSS) will be displayed. Tolerance levels can be edited as required.
- 4. Select Submit

IMPORTANT NOTE: The tolerance levels you select are your responsibility. To read more about Setting Fatigue Tolerance Levels, please read Establishing a Fatigue Tolerance Level

NOTE: 7 days of prior work history is required for the analysis. Start date for results will be 7 days after the earliest work period in the Schedule.

# 3. Analysis Outputs

The Dashboard, Schedule Output, Fatigue Plot and Sleep Schedule tabs provide details of the fatigue analysis in relation to the tolerance levels set.

To understand more about FAID & KSS Conditions and how they are used in FAID Quantum reporting, read <u>Establishing a Fatique Tolerance Level</u> Section 2. FAID & KSS Conditions.

## 3.1. Navigation

#### 3.1.1. FAID Score & KSS Results

On each tab of the outputs, the user can toggle between FAID Score and KSS results using the buttons provided.

### 3.1.2. Sort By

The user can sort the tables by selecting the arrow in the appropriate column heading.



#### 3.1.3. Select an ID

The user can Select an ID from the drop-down selection on Schedule Output, Fatigue Plot or Sleep Schedule tabs.



## 3.2. Dashboard

The Dashboard tab provides a summary of the analysis. It provides details of FS & KSS Compliance % and % hours worked in each condition.

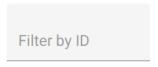


## 3.3. Schedule Summary

The Schedule Summary tab provides breakdown of each individual in the schedule.

## 3.3.1. Filter by ID

The user can filter to individual or group by typing ID text in **Filter by ID.** 



#### 3.3.2. Select ID

The user can select a row in the table to navigate to the Schedule Output tab for that individual.

## 3.4. Schedule Output

The Schedule Output tab provides a breakdown of each shift in the schedule, the Peak Score, and time spent in each condition.

## 3.5. Fatigue Plot

The Fatigue Plot tab provides a plot view of the schedule, coloured according to the peak condition reached in each shift. The KSS Plot also provides details of the predicted sleep, shown in dark grey for night sleep and light grey for day sleep.

Further details can be viewed by hovering over a point in the plot.

The user can zoom in on a section of the graph by selecting a portion of the graph.

## 3.6. Sleep Schedule

The Sleep Schedule tab provides predicted sleep details. Dark grey represents night sleep and light grey represents day sleep.

# 4. Documents

The following documents provide more information regarding FAID Quantum and it's use as a fatigue assessment tool.

What you need to know about FAID Quantum

**BMM Warning** 

Establishing a Fatigue Tolerance Level