DSA Justification Guidelines

Jamworks

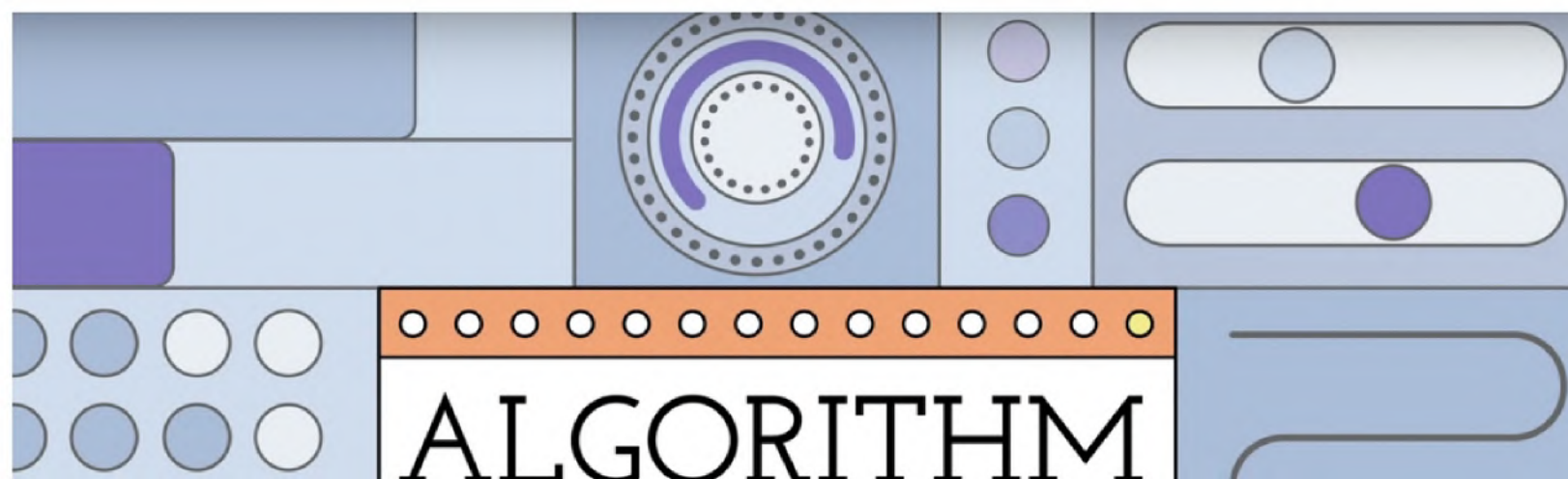Calendar | Sessions | My Assets ▾ | Download Widget

Search

Amy Daniels

✏ Computer Science - 25th Jan

24th January, 2022 4:30PM - 5:30PM

Collaborate
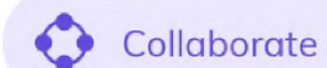
👤 Teacher: Prof Smith

🏷 tech | lecture | Edit tags

ALGORITHM

5 Clips

⚡ Make clips
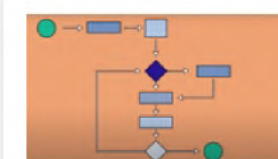
🔴 **Concept of algorithms**

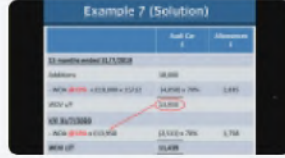01:05 - 01:21

💬 Show Transcript

Added by: Prof Smith

What is Jamworks?

Jamworks is an accessible study application available on mobile and desktop with a number of unique features designed to assist disabled students with their learning, note-taking and revision.

Using features such as **clip-based highlighting, assisted note-taking**, **AI generated summaries** and **automatically generated revision quizzes**, Jamworks improves access and supports students to boost their confidence and enhance their learning experience when:
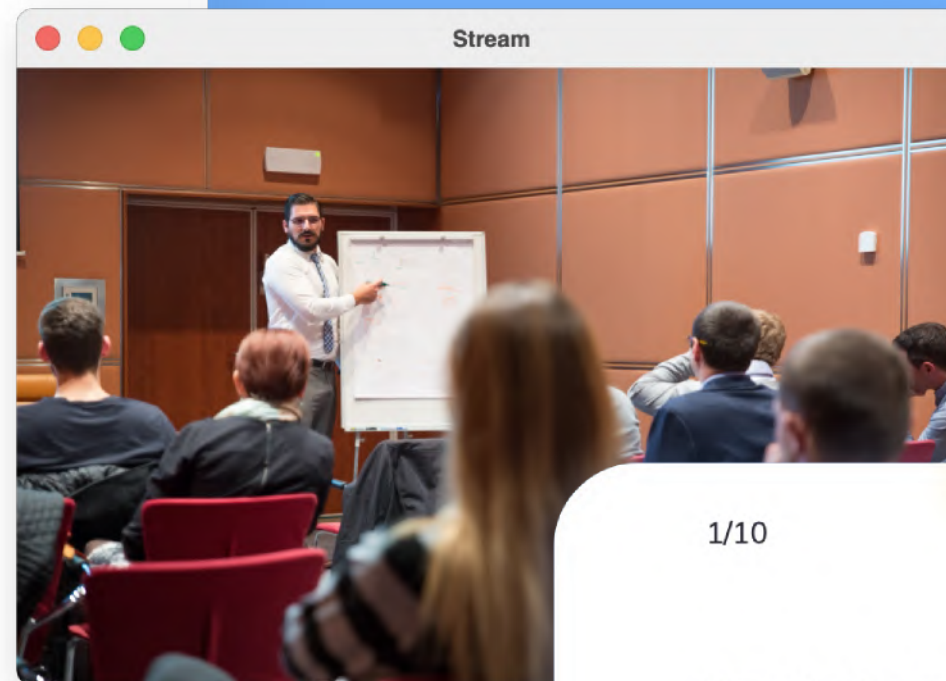
- Participating in lectures and seminars (in-person & remotely)
- Attending study meetings
- Rewatching lecture recordings
- Revising for assessments
- Conducting additional research

What is included when recommended?

Mobile

Full access to the Jamworks mobile application on iOS and Android.

Desktop

Full access to the Jamworks desktop application on MacOS and Windows.

Web

Full access to the Jamworks web application on any platform.
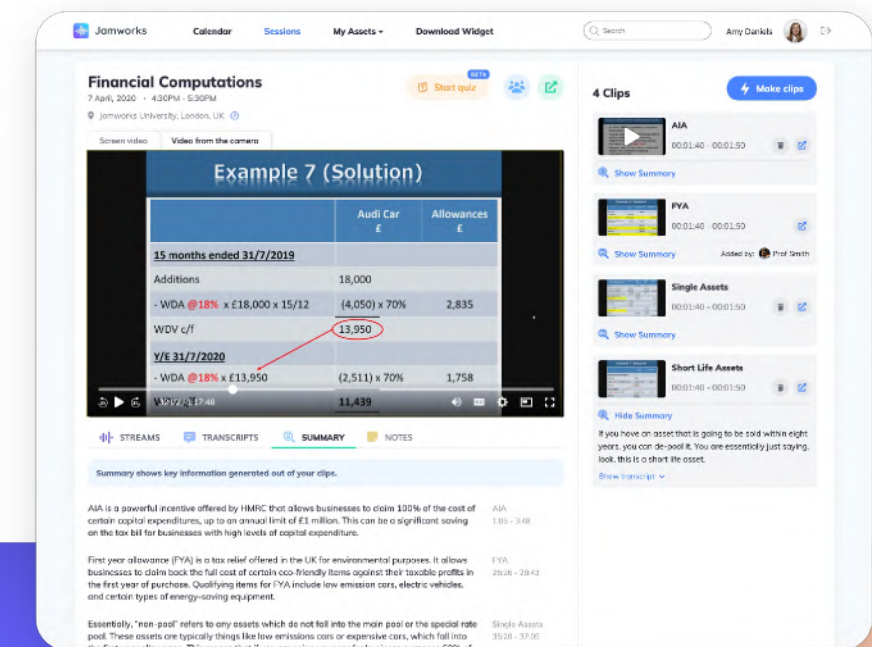
Who can benefit from Jamworks through the DSA?

Reading and writing difficulties
Students with dyslexia, dyspraxia, dyscalculia and other specific learning difficulties

Mental health conditions
Students with anxiety, depression, OCD, stress, ADHD/ADD, working memory difficulty and other mental health conditions

Motion and dexterity
Students who have difficulty with motion and dexterity skills

Visual impairment
Including students with visual stress

Reading and writing difficulties

Students with dyslexia, dyspraxia, dyscalculia and other specific learning difficulties

Areas that Jamworks can help with:

- Slow and labour-intensive writing or typing
- Difficulty listening and writing or typing at the same time
- Problems with spelling, which makes written notes challenging to comprehend
- Difficulty handwriting
- Difficulty summarising information
- Deficit in working memory
- Deficit in concentration

Jamworks functionality that helps:

- Clip-based highlighting
- Assisted note-taking / note summarisation
- Automatically generated revision quizzes
- Custom size, colour and background colour of text

Mental health conditions

Students with anxiety, depression, OCD, stress, ADHD/ADD, working memory difficulty and other mental health conditions

Areas that Jamworks can help with:

- Deficit in working memory
- Deficit in concentration
- Anxiety around missing important information
- Cognitive load difficulties

- Feeling overwhelmed by large amounts of text
- Difficulty multitasking
- Difficulty organising study materials and structuring revision

Jamworks functionality that helps:

- Clip-based highlighting
- Assisted note-taking / note summarisation

- Automatically generated revision quizzes
- Custom size, colour and background colour of text

Hearing impairment

Students who are deaf or have hearing impairments

Areas that Jamworks can help with:
- Difficulty or inability to interpret the spoken word
- Captions provided by University are not customisable or downloadable
- Captions are only provided for pre-recorded, planned media
- Feelings of stress and anxiety while waiting for the university to provide transcripts and captions

Jamworks functionality that helps:
- Clip-based highlighting
- Assisted note-taking / note summarisation
- Automatically generated revision quizzes

Motion and dexterity

Students who have difficulty with motion and dexterity skills

Areas that Jamworks can help with:

- Difficulty or inability to write or type
- Difficulty handwriting

Jamworks functionality that helps:

- Clip-based highlighting
- Assisted note-taking / note summarisation
- Automatically generated revision quizzes

Visual impairment

Including students with visual stress

Areas that Jamworks can help with:
- Difficulty or inability to write or type
- Difficulty or inability to focus on large amounts of text

Jamworks functionality that helps:
- Clip-based highlighting
- Assisted note-taking / note summarisation
- Custom size, colour and background colour of text

How does Jamworks help?

Example justifications for different disabilities

Dyslexia

Challenge

This student has dyslexia and experiences difficulty writing or typing notes in lectures and seminars. They find it difficult to listen and write at the same time, and struggle to keep up with the speed at which their instructor delivers information. They also experience problems with spelling and visual stress, which makes it more difficult to comprehend their notes when it comes to further study and revision.

This student will, therefore, need assistive tech to support their learning, note-taking and revision.

Use Case

Jamworks will enable this student to create bite-sized video clips and AI generated notes at the touch of a button. This will help them avoid feelings of stress and anxiety in class, allowing them to focus and participate. The Trackback button will help this student jump back in time to record video clips and automatically generated notes of anything they miss while experiencing lapses of concentration.

Their learning will be enhanced by automatic summarisations of their highlighted clips along with automatically generated revision quizzes to help structure their revision efforts more effectively. They will be able to customise the size, colour and background colour of all texts to support the readability of notes, summaries and revision quizzes.

Anxiety

Challenge

This student experiences anxiety and finds it difficult to take notes and follow events due to fluctuations in their concentration and attention. They find it difficult to follow spoken discussion and experience heightened anxiety and stress related to the fear of missing out on information. They also experience problems when trying to revise as their notes are often incomplete and they can feel overwhelmed when trying to organise and structure their studies.

This student will, therefore, need assistive tech to support their learning, note-taking and revision.

Use Case

Jamworks will enable this student to create bite-sized video clips and AI generated notes at the touch of a button. The Trackback button will help this student jump back in time to record video clips and automatically generated notes of anything they miss while experiencing lapses of concentration. This will help them avoid feelings of stress and anxiety in class.

Their learning will be enhanced by automatic summarisations of their highlighted clips along with automatically generated revision quizzes to help structure their revision efforts more effectively.

ADHD

Challenge

This student has ADHD and experienced difficulty taking notes and following study events due to fluctuations in their concentration and attention. They find it difficult to follow spoken discussion and experience anxiety and stress related to the fear of missing out on information. They also experience problems when trying to revise as their notes are often incomplete and they can feel overwhelmed when trying to organise and structure their studies.

This student will, therefore, need assistive tech to support their learning, note-taking and revision.

Use Case

Jamworks will enable this student to create bite-sized video clips and AI generated notes at the touch of a button. The Trackback button will help this student jump back in time to record video clips and automatically generated notes of anything they miss while experiencing lapses of concentration. This will help them avoid feelings of stress and anxiety in class. Jamworks also provides a specific ADHD accessibility profile, which focusses concentration on specific areas of your screen while reviewing content and avoids distractions.

Their learning will be enhanced by automatic summarisations of their highlighted clips along with automatically generated revision quizzes to help structure their revision efforts more effectively.

Physical Disability

Challenge

This student has a physical disability leading to manual dexterity issues which make it difficult for them to write or type notes at speed during lectures and seminars. They experience problems when trying to revise as their notes are often incomplete or difficult to comprehend.

This student will, therefore, need assistive tech to support their learning, note-taking and revision.

Use Case

Jamworks will enable this student to create bite-sized video clips and AI generated notes at the touch of a button. This will help them avoid feelings of stress and anxiety in class, allowing them to focus and participate.

Their learning will be enhanced by automatic summarisations of their highlighted clips along with automatically generated quizzes to help structure their revision efforts more effectively.

Visual Impairment

Challenge

This student has visual impairment which makes it difficult for them to write or type notes at speed during lectures and seminars. They experience problems when trying to revise as their notes are often incomplete or difficult to comprehend.

This student will, therefore, need assistive technology to support their learning, note-taking and revision.

Use Case

Jamworks will enable this student to create bite-sized video clips and AI generated notes at the touch of a button. This will help them avoid feelings of stress and anxiety in class, allowing them to focus and participate.

Their learning will be enhanced by automatic summarisations of their highlighted clips along with automatically generated revision quizzes to help structure their revision efforts more effectively.

They will be able to customise the size, colour and background colour of all texts within Jamworks, which will also be accessible with all popular screen readers.
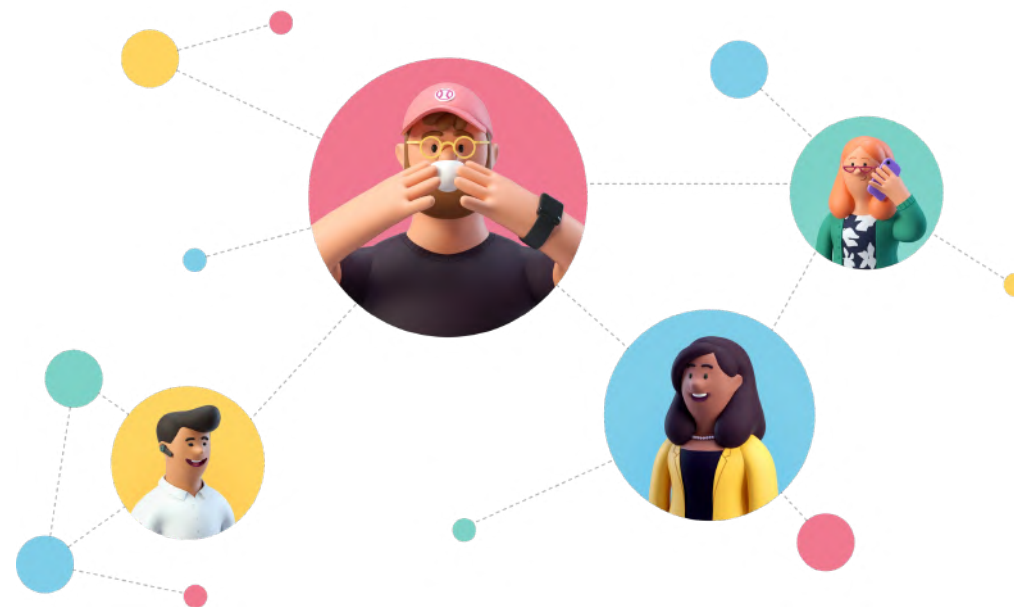
Thanks!

If you have any questions please contact

dsa@jamworks.com