

# TecTiqs : InnovAlte Hackathon

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**DATON**



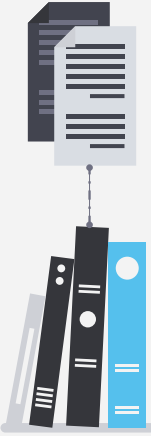
SINCE 2024



**What is  
Daton?**

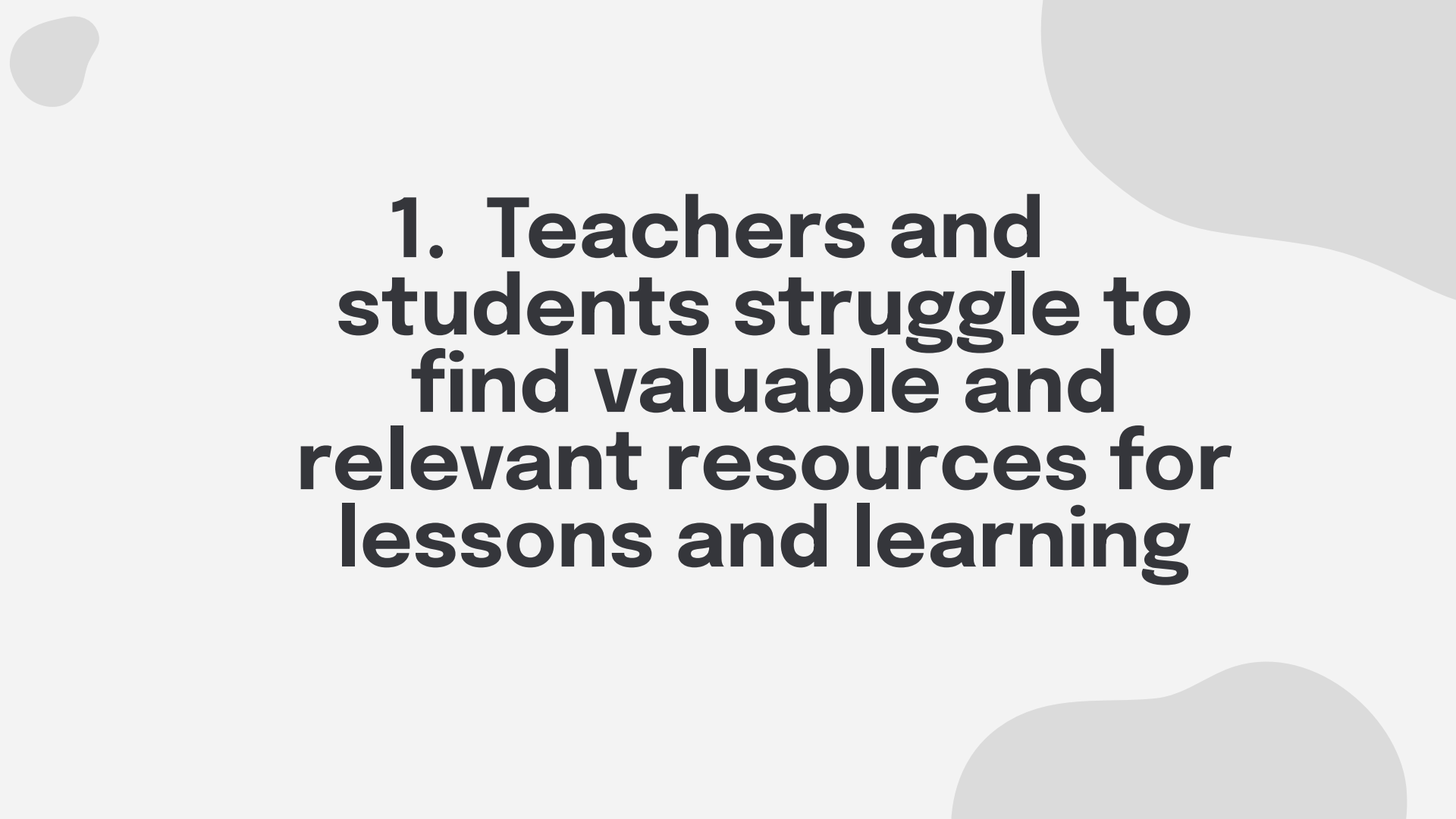
# Daton

Daton is your one-stop-solution for the most major problems in the education sector currently. According to surveys conducted, most students and teachers struggling with their education journey link back the their problems to three main causes: Time Management, availability of resources, and adaptability of content for multiple learning styles. Daton creates a dashboard with three main sources functions and strives to solve these problems efficiently and resourcefully





# Why we need Daton




**1. Teachers and students struggle to find valuable and relevant resources for lessons and learning**



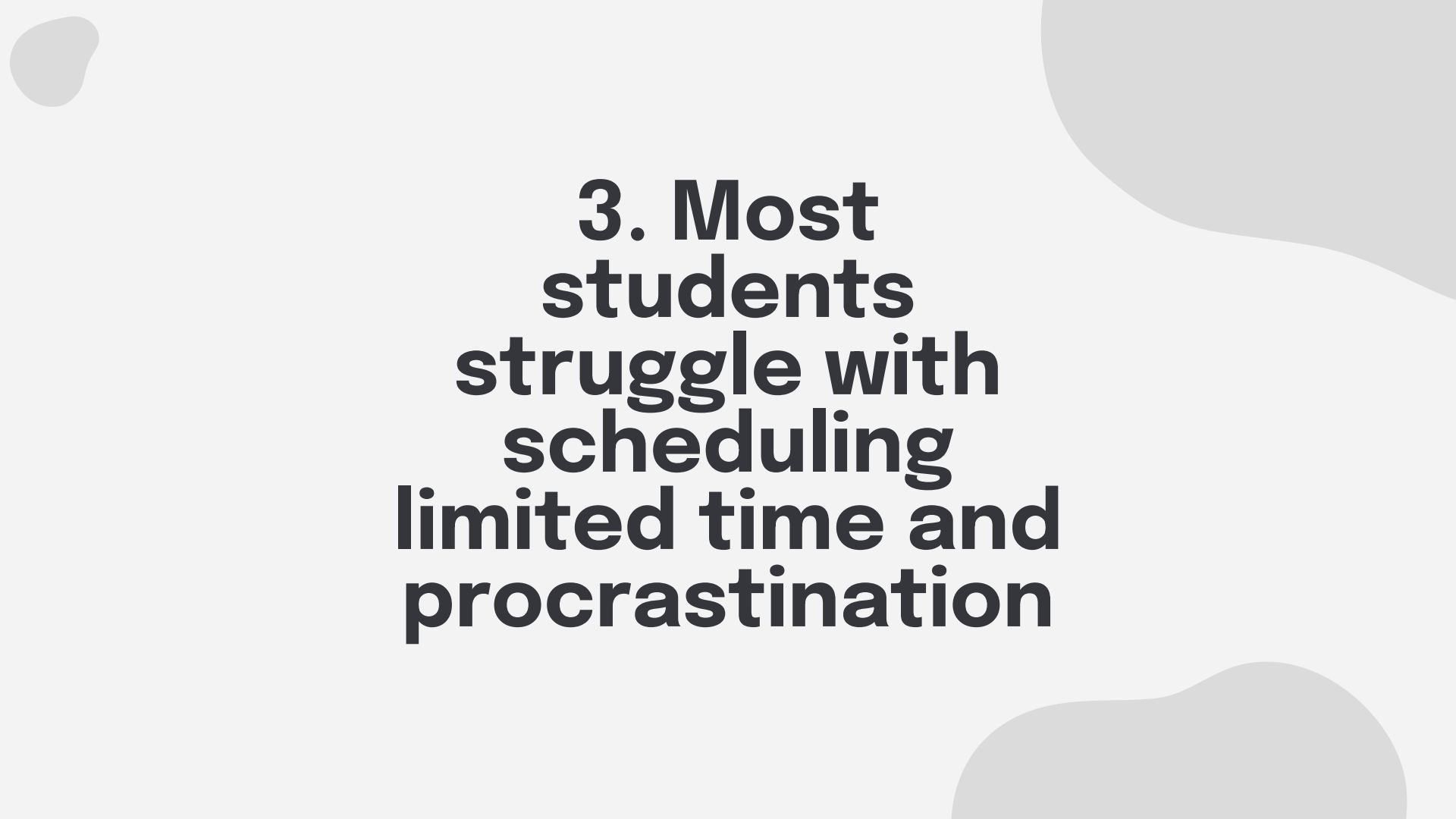
**2. Every student has  
different learning styles and  
need to use different  
methods to cater to these  
styles**





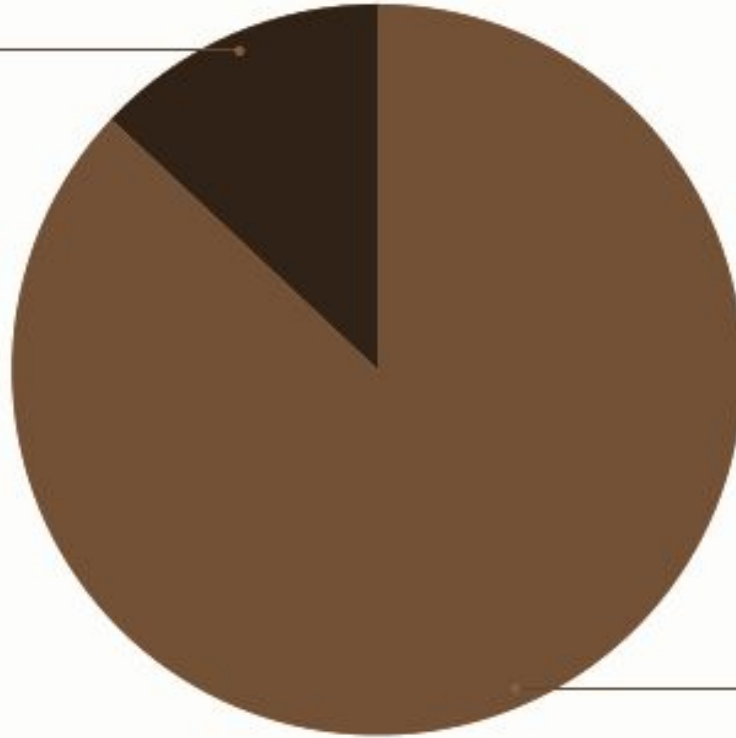


**2.1 This is  
particularly useful  
for intellectually  
challenged  
students**



**3. Most  
students  
struggle with  
scheduling  
limited time and  
procrastination**

13.0%



struggling with

87.0%

In fact 87% of high schoolers have reported feeling anxious and unable to understand due to procrastinating/not being able to schedule their work

**What's our  
approach?**

# 1. Progress

# How far we've come along

## Current status

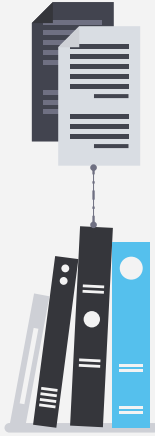
- Main codes for all aspects of the app:
- Notes generator
- Youtube link generator
- Learning Style supporter
- Schedule generator
- Link to OpenAI for notes and conversion



# Functions of Daton

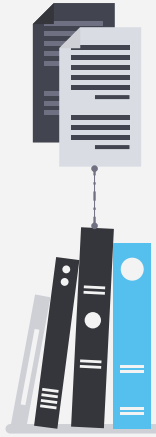
# 1.1 Notes Generator

Input	Subject (e.g. maths), Topic in the subject
Output	Details, comprehensive notes regarding the topic, following the education board syllabus





## 1.2 Youtube help

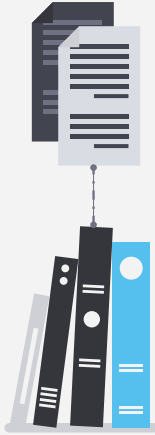


Input	If you are struggling with a topic after notes generator provides you with learning guide, input 'Yes'
Output	Generates a YouTube link to redirect user to search results for the specific topic

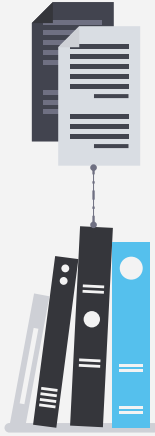


## 1.3 Learning Styles

Input	If you want notes output to support a certain learning style, select data type (speech/text/image)
Output	Speech, text or image (based on user's choice of mode)



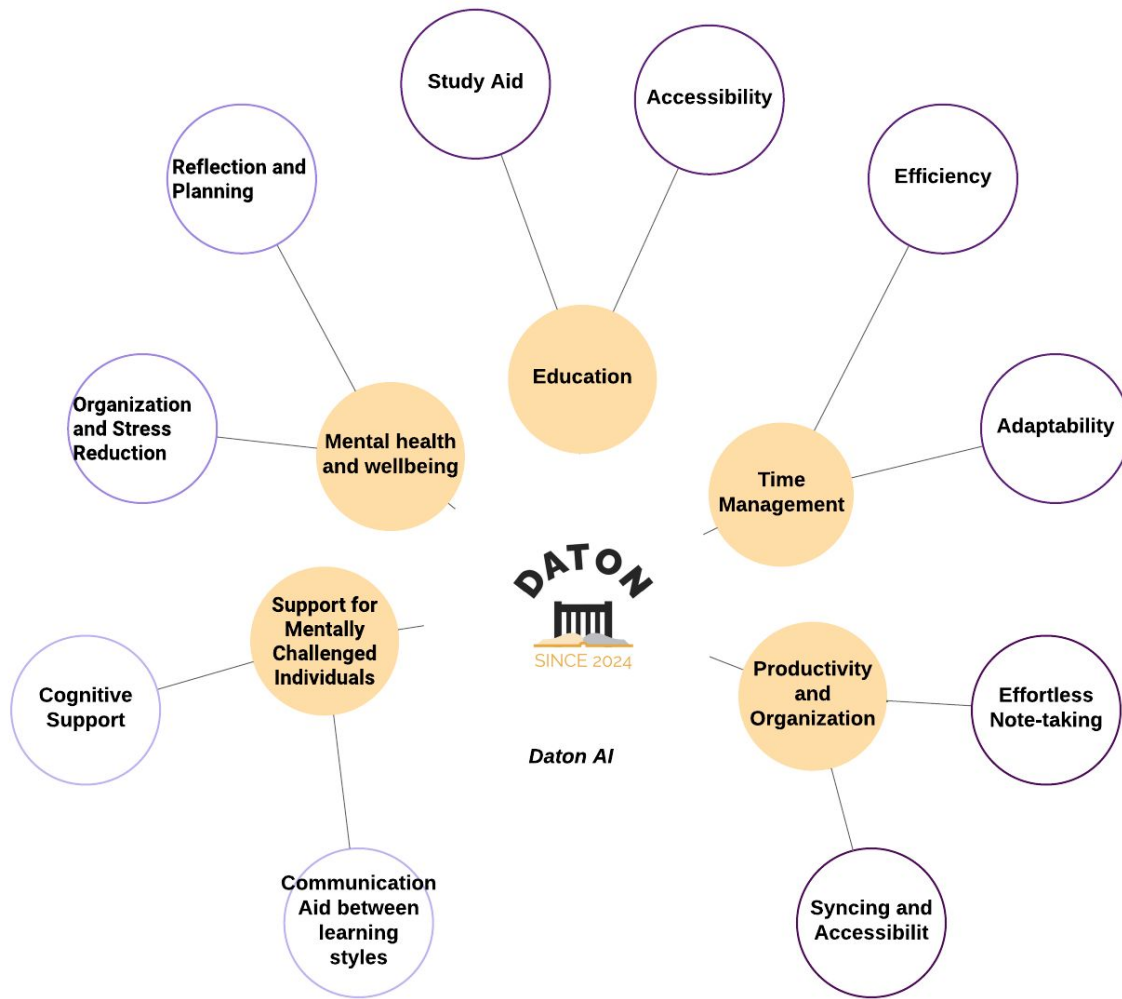
## 2. Schedule Generator



Input	Start time, Subjects to study and Hours desired to spend on each subject
Output	A schedule fulfilling all these requirements



## **2. Impact**



# **3. Vision**

**Our goal is to expand our functionality into becoming a webapp that can be used by students AND teachers both.**

- Creating a more aesthetic interface
- We want to introduce new features on our webapp to help teachers manage assignments, grading and deadlines.
- Making it easier for students to access their “dashboard” simply on a single page
- Publishing the website for use throughout the country
- Creating a hybrid workspace to encourage a community of like minded individuals and promote communication and support



**Thank you!**