



REFLECTIONS ON A.I.

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CURRENT STATE OF A.I. INTEGRATION

Speech-to-Text Transcription

E-Discovery / Reviewing Evidence

Summarisation

Access-to-Justice Use Cases
(with Guardrails)

 While EpiqFAST is able to convert speech to live text for court proceedings in real time, its accuracy and user-friendliness are still being enhanced.

Live Text

Duration: 257 minutes

Session recording in progress.

Live Text 

Fauziyah Binte Mohd Ahbidin (Executrix of Estate) & Anor v Majlis Ugama Islam Singapura – Wa...



32:54/4:16:55

09:01:00

10:01:37

15:21:48



10:01:34 **Court** : OK, So this this will already uh footnoted in the expert opinion. OK, fair enough. Thank you.

10:01:40 **Namazie** : Donna, I would like to hand you a hard copy of it.

10:01:42 **Court** : Umm yes, thank you.
By police about that Mister Singh.
Thank you.
OK. Yes, Mr. Singh.

10:01:57 **Singh** : I I will then proceed with my next witness, you know.

10:01:58 **Namazie** : Gonna be 4 my little friend proceeds. Would it be possible for my expert to be?



SPEECH TO TEXT TRANSCRIPTION

- Speech recognition has reach “near human” accuracy (?)
 - Test audio has often been call center audio recordings
 - Real world experience is different
 - Accuracy appears to be much lower
(note: microphone discipline, background noise, cross-talk, verbal fillers, accents)
- Tentative assessment:
 - Localised speech corpus (where available) should be used
 - Further research and refinement is necessary
 - Unsafe to rely for high accuracy
 - Use may have to be in conjunction with the recorded audio for easy cross-checking
 - Post-processing using Gen AI technologies may be unsafe

E-DISCOVERY / EVIDENCE REVIEW

 **Talking to Evidence** ? Owner Ready     

Gather for me all available information about the San Jose property purchase. Give me your answer in a table.

 Below is a table summarizing the available information about the San Jose property purchase:

Detail	Information
Location	Corner of Tasman and Vista Montana near North First Street in San Jose
Size	Approximately 15.6 acres
Purpose	To build a series of buildings, with the first one being for Manufacturing
Purchase Date	Purchased on 29-Apr-1988
Initial Announcement	Negotiations announced on 25-Mar-1988
Construction Plan	Planned to commence within several months, subject to City of San Jose approvals
Site Development	Awaiting approval from the City of San Jose

Enter a message here OpenAI GPT-4o 0/50,000

E-DISCOVERY / EVIDENCE REVIEW

Assemble for me information about Static RAMs or SRAMS from the available material.



The provided material contains the following information about Static RAMs (SRAMs):

1. Types and Specifications:

- Some static RAMs are described as "internally synchronous, externally asynchronous." Concerns were raised about whether such ICs would work in all applications where other static RAMs are used. Specifically, when the IC is permanently enabled, and the address lines are driven from a ripple counter, the address lines may not change state simultaneously. This raised questions about the usability of "internally synchronous" devices in specific configurations (Source: Atari (2 of 5).docx ----- Chunk Ref ID: 939a7c37-d7c3-49af-b576-5a2b7bc954ab/150).

2. Availability and Pricing:

- RAM IC availability is problematic. Current pricing for static RAMs (8Kx8) ranges from \$3.60 to \$6.00, depending on the required speed and urgency. For 32Kx8, the price is around \$12. VRAMs and DRAMs also face significant availability challenges (Source: Atari (3 of 5).docx ----- Chunk Ref ID: c4e6d1e0-ea84-4936-8564-1e8ae9d5a059/194).
- SRAMs with specifications of 8Kx8/80ns faced extreme difficulty in procurement, prompting the use of 55ns parts from Motorola at a higher cost (over \$6). This was due to manufacturers no longer producing slower parts, such as 80ns or 85ns (Source: Atari (3 of 5).docx ----- Chunk Ref ID: c4e6d1e0-ea84-4936-8564-1e8ae9d5a059/47).

Who were the people involved in the purchase of the property at San Jose?



The individuals involved in the purchase of the property at San Jose include:

- Ernie Wood, who confirmed the purchase of 15.6 acres of land at the corner of Tasman and Vista Montana in San Jose on April 29, 1988.
- Bert Wood, who later communicated about the property acquisition and its intended use for building a factory and office buildings in April 1988.

These individuals were part of the communications regarding the property acquisition process.

Sources

Atari (3 of 5).docx [\[Link\]](#)

To: MARGOLINCC:Subj: Visitors at 6675From: KIM::DROBNY "Buddy Flyback" 28-APR-1988 14:21To: DURFEYSubj: FYITBFrom: KIM::FRYE 1-DEC-1987 13:46To: @SYSTEMMAIL;JUNKSubj: VISITORS AT 675TOOMORO MORNIN' I WILL...
[\(show more\)](#)

SUMMARISATION



Court Case - Parties' Submissions



Owner



Create a table that juxtaposes the arguments made by the Appellant with those made by the Respondent in the provided documents.

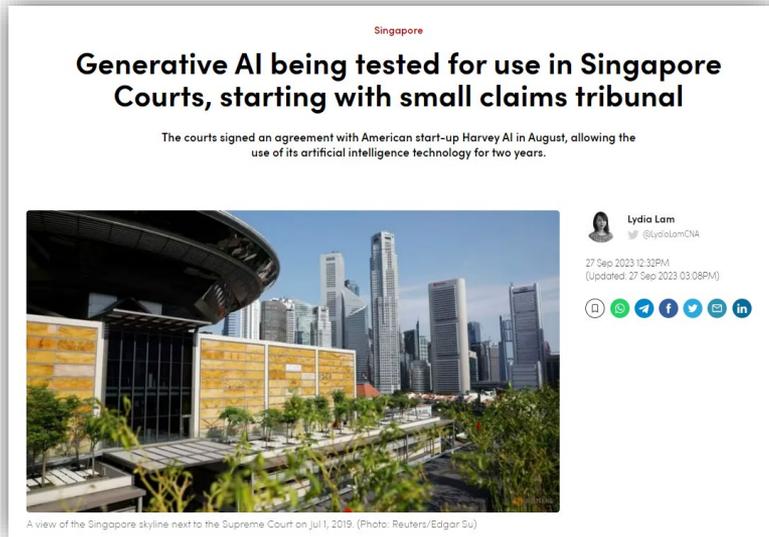


The following table juxtaposes the arguments made by the Appellant (Chia Swee Hun, also known as "Winnie") and the Respondent (Henry Quek Peng Hock, suing by his Deputy, Quek Lee Tiam, also known as "Judy") based on the provided documents.

Feature/Issue	Appellant's Arguments (Winnie)	Respondent's Arguments (Henry/Judy)
Mental Capacity	The Learned Judge erred in finding Henry lost mental capacity since October 2020. She placed undue weight on the clinical component and failed to accord sufficient weight to the functional component (the ability to understand, retain, and use information).	While witness Chong believed Henry understood signed documents, he deferred to medical opinion. Henry was observed to be incoherent, "rambling," and "talk[ing] funny" on several occasions.
Authenticity of March Letters	Contents the March Letters were fabricated by Judy and/or the Children. The contents and circumstances are "suspicious in and by itself" and the letters should not be regarded as authentic. 	Chia confirmed to the Judge that the authenticity of specimen signatures was not disputed. Chia's expert was criticized for relying on only one specimen to determine variations in Henry's signature.

- Summaries of legal arguments, or summaries of factual assertions by the parties
- Hallucinations are more easily controlled
- Can help Judges prepare for hearings

SUMMARISATION



1. On-demand AI translation of Court documents into Chinese, Malay (and Tamil) (**DONE**)
2. Assistance to Claimants in categorising their claim, writing it up (“brief summary of claim”)

Brief Summary of Claim

We ordered a custom dining table and chair set on 21-Oct-2022. The business breached the contract on three counts: 1) defected goods (damaged dining table and chair), 2) goods not as specified (silver base mismatch, missing silver stripe), and 3) delivery delays (dragged service to Apr-23 instead of initial delivery promise of Dec-22/Jan-23). The business failed to rectify and misbehaved with the customer. We have photo and video evidence for our claims.

3. Providing quick summary of all the case documents for the benefit of the tribunal magistrate (**DONE**)
4. Providing quick summary of all the case documents for the benefit of the parties (**DONE**)
5. Drafting a first cut of Grounds of Decision for Tribunal Magistrates
6. Recommending an outcome to the Tribunal Magistrate
7. Drafting witness/closing statements
8. Unconstrained use of Gen AI on the case documents

LIMITS & NEED FOR HUMAN OVERSIGHT

GEN AI / LLM TRAFFIC LIGHTS



**MAYBE
NOT?**



- Decision Making
- Predicting Outcomes

CAREFUL



- Drafting Legal Documents
- Access to Justice Use Cases

GO



- Evidence Review
- Summarisation

REGULATING USE OF A.I.

Internal Users

- Judges, Administrators need to know what can/cannot be used
- What is A.I. good for, what should they be wary about, what is totally unsafe
- Content Sensitivity x Redaction Effort

WOG Constraints

- SG agencies are also subjected to WOG controls and approval mechanisms

External Users

- Court users need to be educated about A.I.
- Consequences of unsafe/fabricated content must be made known to court users
- BUT – SG decided not to impose prior declaration (but Judge can require parties to explain), nor to constrain type of products
- Instead – focus is on users taking responsibility