

AI Avatars at VU

Media & Learning webinar, Erik Boon

3 use cases

- Case based learning:
 - Consultancy assignment for Organization Development and Change
 - Simulation assignment for Foundations of Strategic Management
- Virtual character role play
 - European Law History

Case based learning ODC

- Group assignment: make an advice report on change in organization
- Virtual law firm: 'The Firm'
- Package of learning materials
 - Introduction, interviews on-demand video
 - Individual discussions with HR manager and associate
 - Intake interview with Partner Annelie de Rochebrune-Mulderij
- Summary video

Case based learning ODC clips

[View all pages](#)

Introduction Video



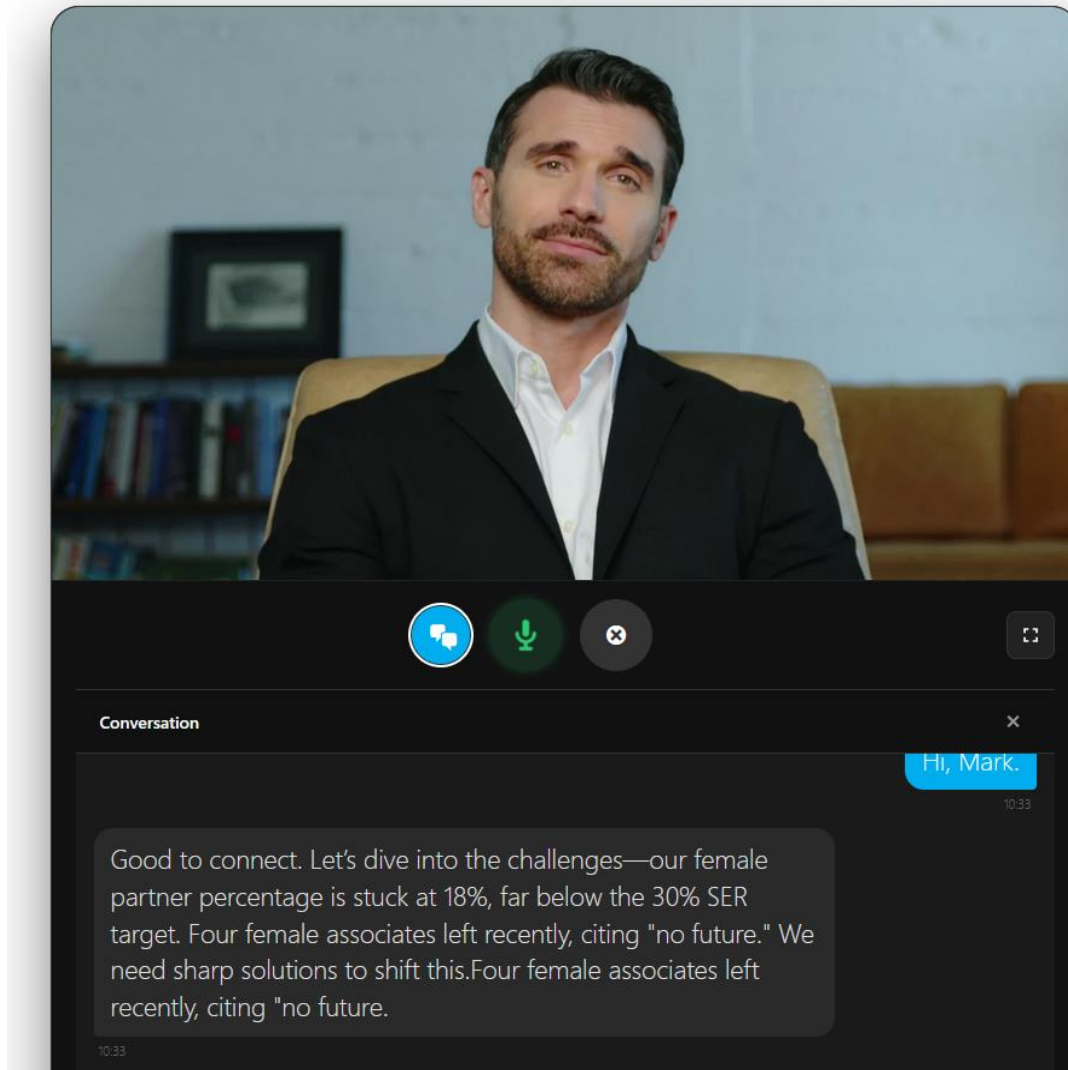
VIDEO (INTERVIEW) Head of HR: Mark



VIDEO (INTERVIEW) Associate: Amanda



Case based learning ODC: HR bot



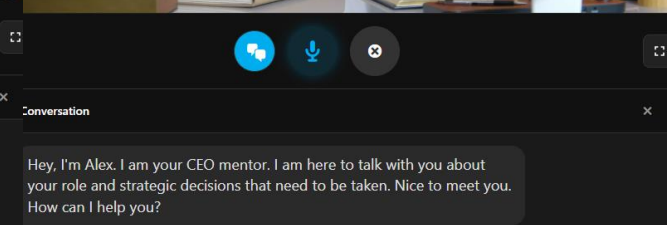
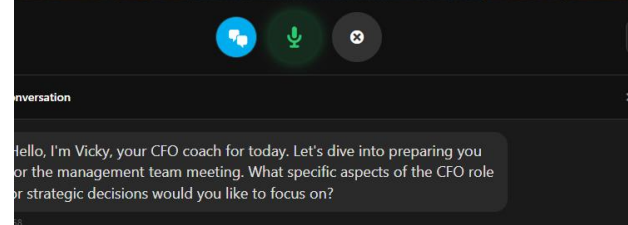
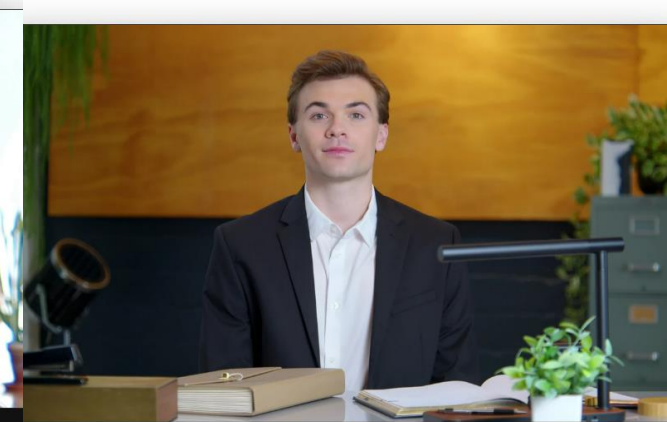
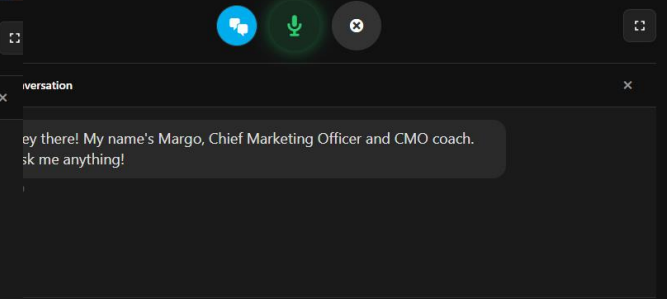
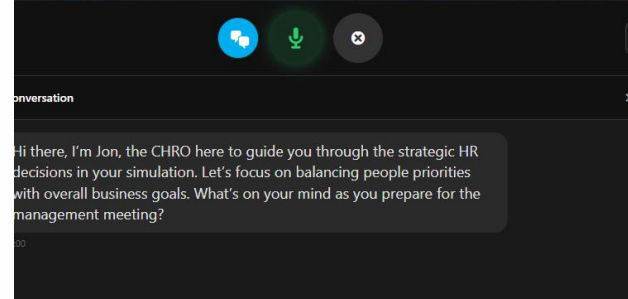
Case based learning ODC: summary



Case based learning FSM

- Team assignment: Strategic Analysis
- Virtual global construction company
- Introduction of the case in class
- Individual discussions with boardmember avatars
- Disruption
- Call from journalist
- Assessment of performance during conversation

Case based learning FSM Board members



Case based learning FSM: disruption



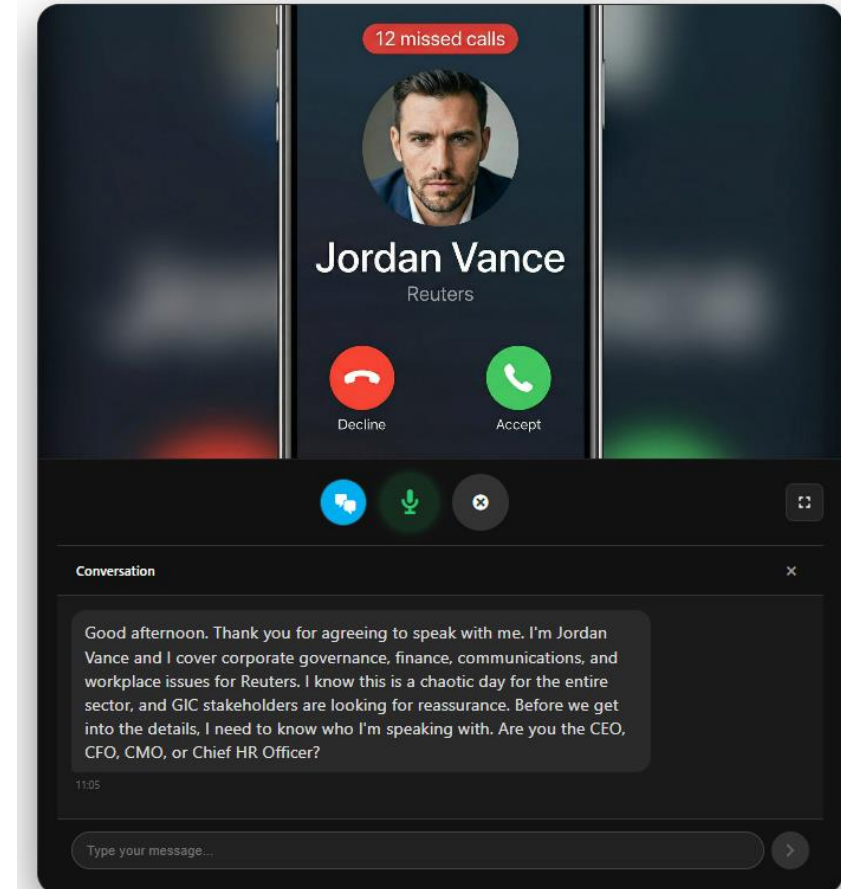
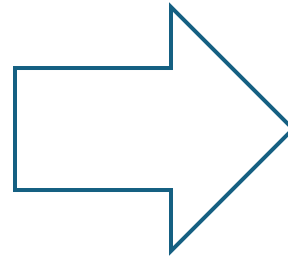
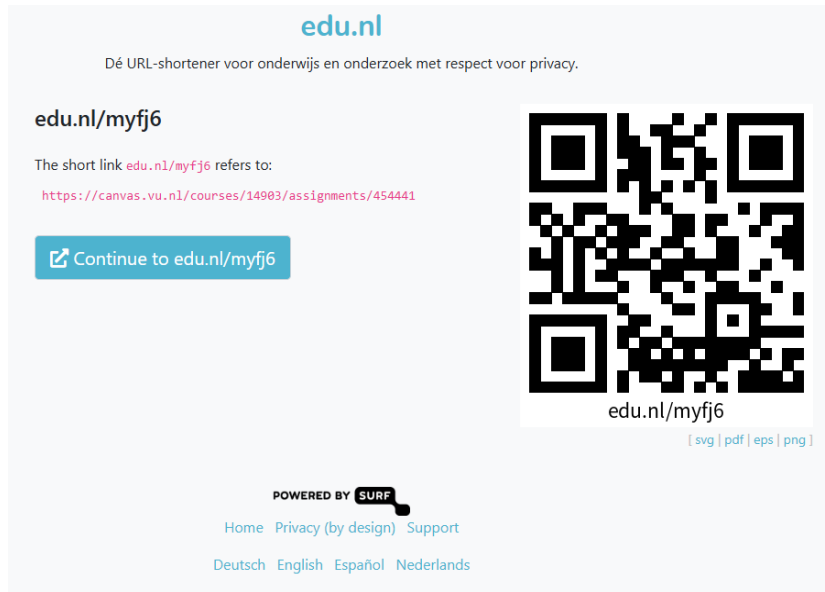
reported catastrophic quarterly losses.

Business

Ironsoil reports devastating quarterly losses.



Case based learning FSM: reporter call



Case based learning FSM: assessment

Assignments > FSM reporter call Zero Emissions >

Submission details

Grade


FSM reporter call Zero Emissions

Test student submitted 25 Feb at 10:32

This submission was a URL to an external page. We have included a snapshot of what the page looked like when it was submitted.

[https://edulab.vumxp.nl/?](https://edulab.vumxp.nl/?lti_submission_view=1&thread_id=sess_699ec0d9b22d4&avatar_id=1366&hash=3920d5a58af1c9478876ef71515354e79dd0acc70e881573be7dfccf122bbd41)

[lti_submission_view=1&thread_id=sess_699ec0d9b22d4&avatar_id=1366&hash=3920d5a58af1c9478876ef71515354e79dd0acc70e881573be7dfccf122bbd41](https://edulab.vumxp.nl/?lti_submission_view=1&thread_id=sess_699ec0d9b22d4&avatar_id=1366&hash=3920d5a58af1c9478876ef71515354e79dd0acc70e881573be7dfccf122bbd41)

(View in a new tab) 

FSM reporter Zero Emissions Policy announcement

40/100

AI Beoordeling

JOURNALIST FINAL CONCERN LEVEL: 8/10

SENTIMENT TRAJECTORY:

Starting: 8/10

Mid-point: 7/10

Final: 8/10

Volatility: Stable

STRONGEST MOMENTS:

- The user stated that 95% of the required environmental data is already collected and formatted correctly,

European Law History, from archives to AI

- Students practice with different LLM's and outcomes in regard to historic documents
- AI literacy component
- Q and A with historic legal scholar in Holobox
- Trained on well-formatted data

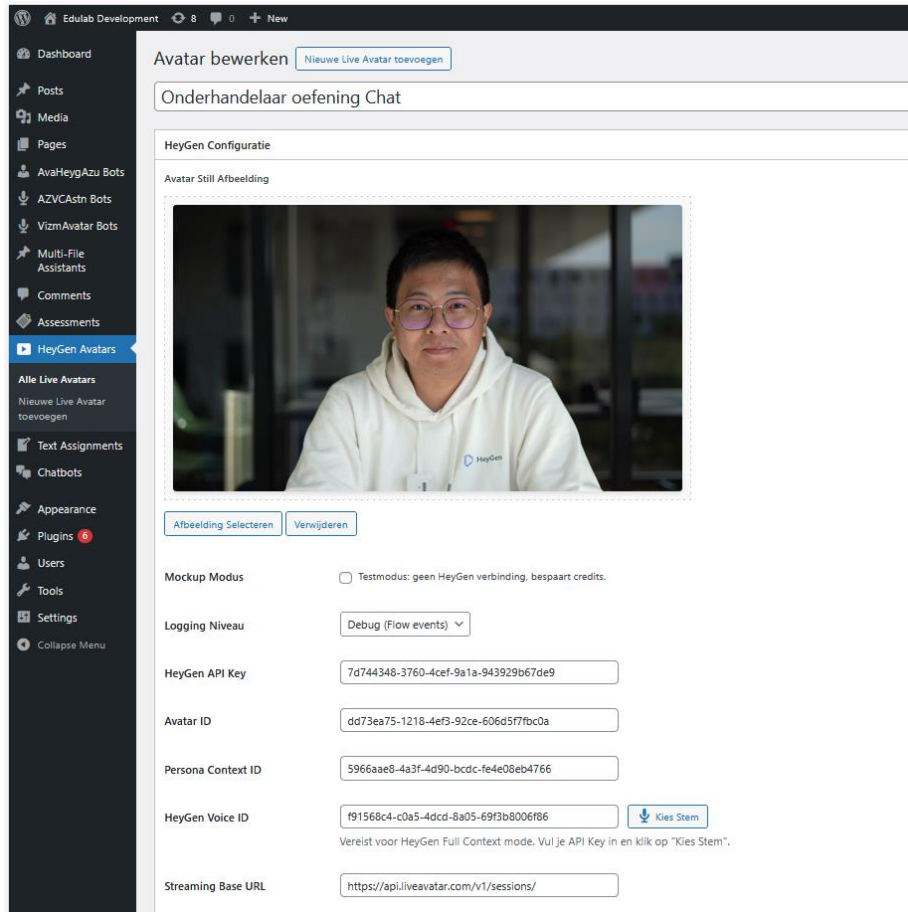
European Law History: Lex Frisius



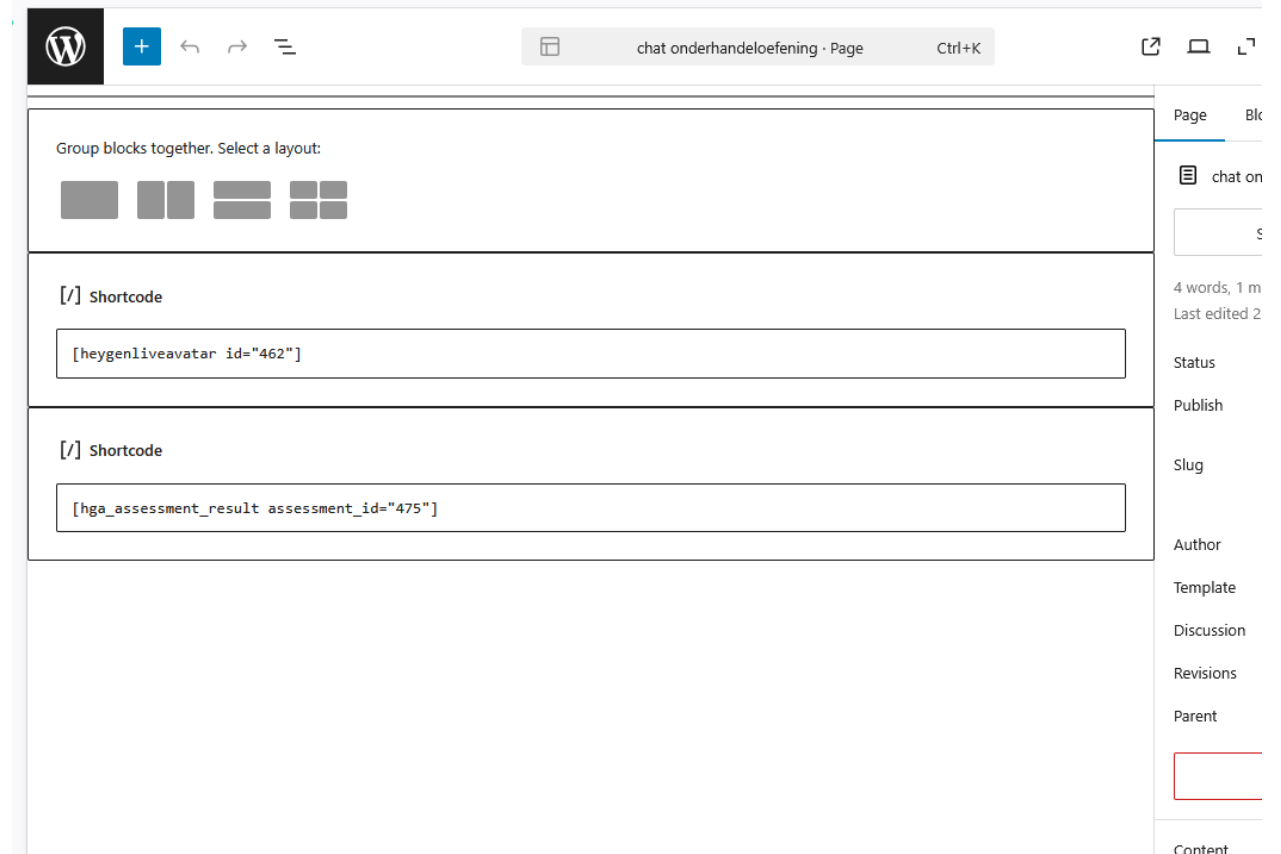
Web avatars: How?

- Wordpress middleware
- Integration in Canvas via Learning Tools Interoperability (LTI)
- Dedicated plugins in Wordpress for Avatars and assessment
- Combination of Heygen, Azure Speech, Azure OpenAI chat (EU)

Web avatars: How?











The screenshot shows the 'HeyGen Avatars' configuration page in a WordPress dashboard. The page title is 'Avatar bewerken' with a sub-link 'Nieuwe Live Avatar toevoegen'. The main heading is 'Onderhandelaar oefening Chat'. Below this is the 'HeyGen Configuratie' section, which includes an 'Avatar Still Afbeelding' area with a video player showing a man in a white hoodie. Below the video are buttons for 'Afbeelding Selecteren' and 'Verwijderen'. The 'Mockup Modus' section has a checkbox for 'Testmodus: geen HeyGen verbinding, bespaart credits.' which is currently unchecked. The 'Logging Niveau' is set to 'Debug (Flow events)'. The 'HeyGen API Key' is '7d744346-3760-4cef-9a1a-943929b67de9'. The 'Avatar ID' is 'dd73ea75-1218-4ef3-92ce-606d57fbc0a'. The 'Persona Context ID' is '5966aae8-4a3f-4d90-bcdd-fe4e08eb4766'. The 'HeyGen Voice ID' is 'f91568c4-c0a5-4dcd-8a05-69f3b8006f86' with a 'Kies Stem' button. A note below states 'Vereist voor HeyGen Full Context mode. Vul je API Key in en klik op "Kies Stem".'. The 'Streaming Base URL' is 'https://api.liveavatar.com/v1/sessions/'.



The screenshot shows a WordPress page editor for a page titled 'chat onderhandeloefening'. The editor displays two blocks, each containing a shortcode. The first block is titled 'Group blocks together. Select a layout:' and shows four layout options. Below it is a shortcode: `[/] Shortcode` with the value `[heygenliveavatar id="462"]`. The second block is also titled 'Group blocks together. Select a layout:' and shows the same four layout options. Below it is another shortcode: `[/] Shortcode` with the value `[hga_assessment_result assessment_id="475"]`. The right sidebar shows the 'Page' settings, including 'chat on', '4 words, 1 m', 'Last edited 2', 'Status', 'Publish', 'Slug', 'Author', 'Template', 'Discussion', 'Revisions', 'Parent', and 'Content'.

Web avatars: external tool in assignment

12pt ▾ Paragraph ▾ | **B** *I* U A ▾ E ▾ T^2 ▾ |  ▾  ▾  ▾  ▾ |   ▾ |  ▾  ▾

p

Points

Assignment group ▾

Display grade as ▾

Do not count this assignment towards the final grade

Submission type ▾

External Tool Options

Enter or find an external tool URL

Load this tool in a new tab

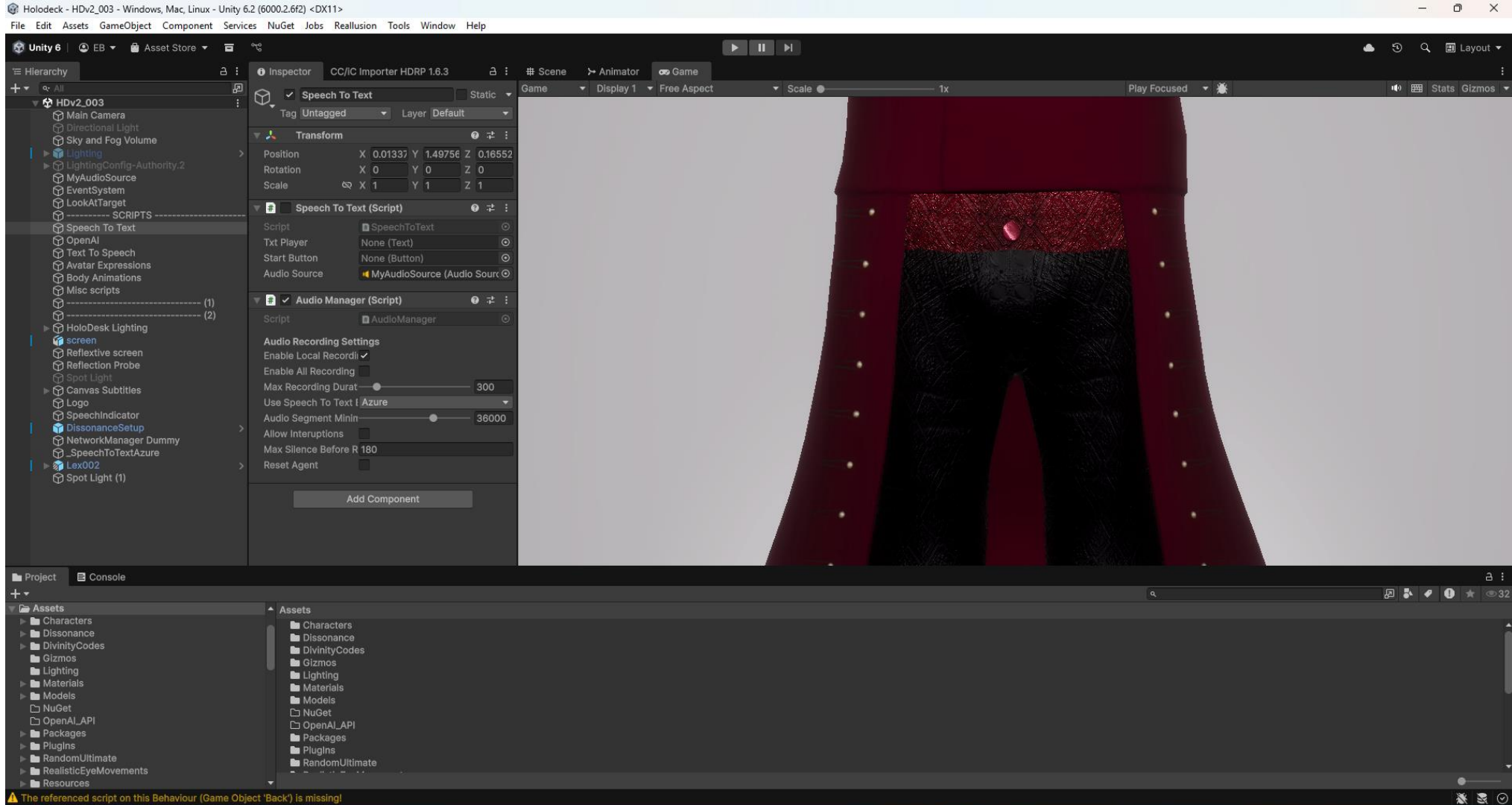
Submission Attempts **Allowed attempts**
 ▾

Sync to SIS Include this assignment's grades when syncing to your school's Student Information System

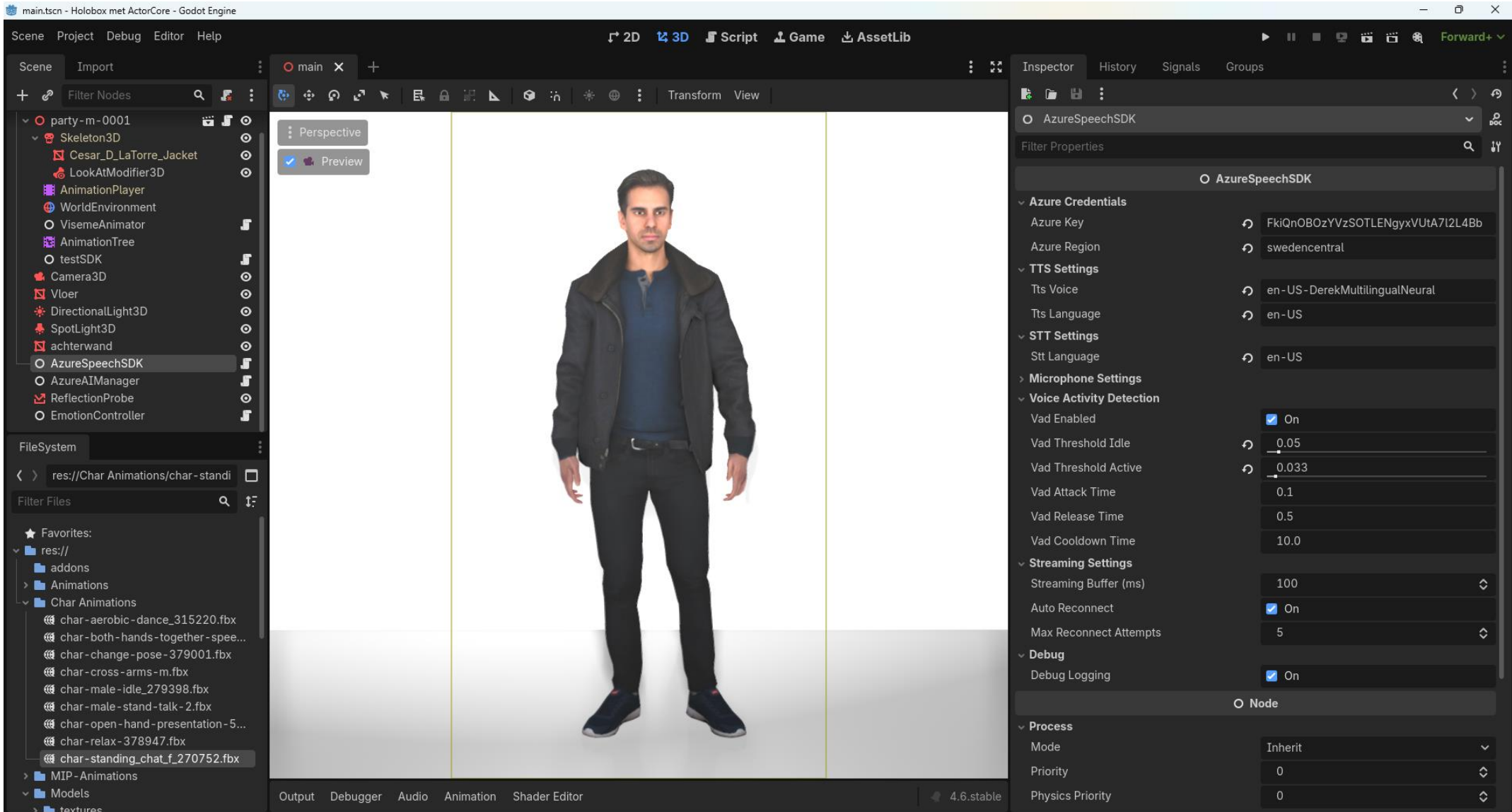
Holobox avatars: How?

- Unity game engine
- Reallusion Character Creator + animations
- LLM via Azure or Gemini
- (credits to Network Institute)

Lex Frisius in Unity



Or use Godot with actorcore



Challenges

- Cost
- Stability
- Support staff
- Prompting and guardrails