Flipped Teaching of Real Estate Concepts:
The Use of Videos to Enhance Students' Understanding through Visual Learning

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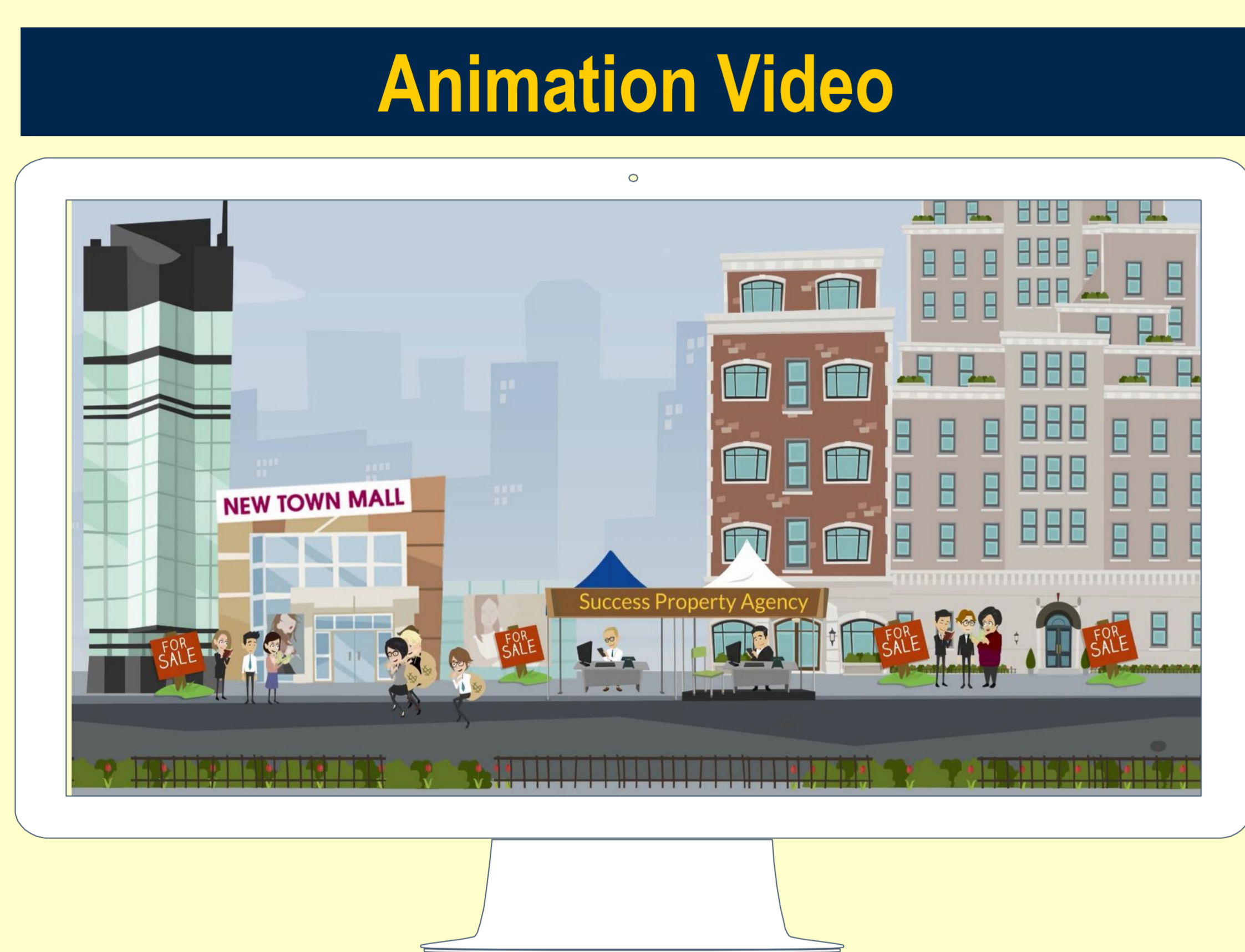
Background

In traditional classroom setting, it takes more than 30 minutes to explain each real estate concept. Despite the time spent, the learning outcomes are not ideal. Students remain confused due to its abstract concept. Moreover, an exhaustive explanation of each concept in class leaves limited time for class discussion.

Objectives

To enhance students' understanding on real estate concepts by developing micro-modules to facilitate flipped teaching and towards the end to encourage student-centered learning.
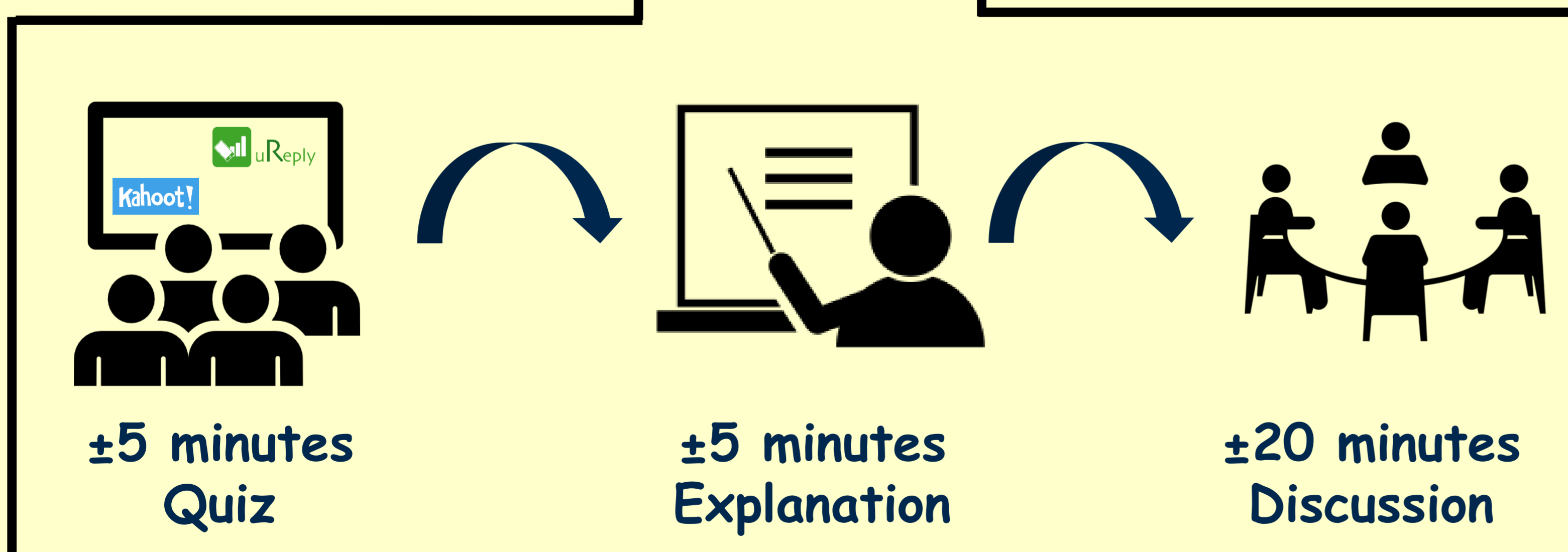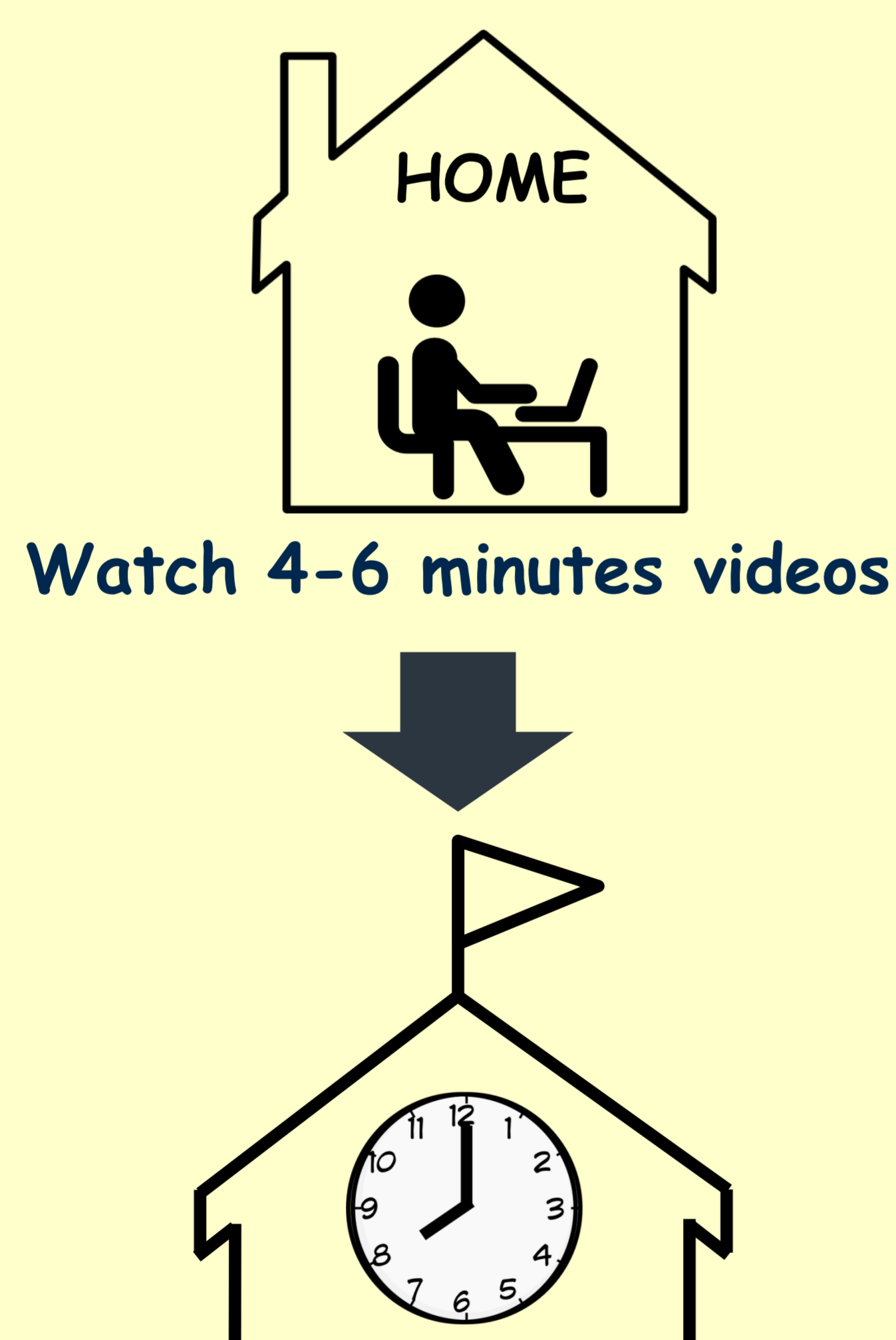
Key Features

Previous researches showed that visual learning could help students to better understand difficult concepts and ultimately engraved on their memory. Seven animation videos and two demonstration videos were thus developed.

Animation Video

Demonstration Video

Flipped Classroom

The videos were disseminated to the students via Panopto.

HOME
Watch 4-6 minutes videos

±5 minutes Quiz → ±5 minutes Explanation → ±20 minutes Discussion
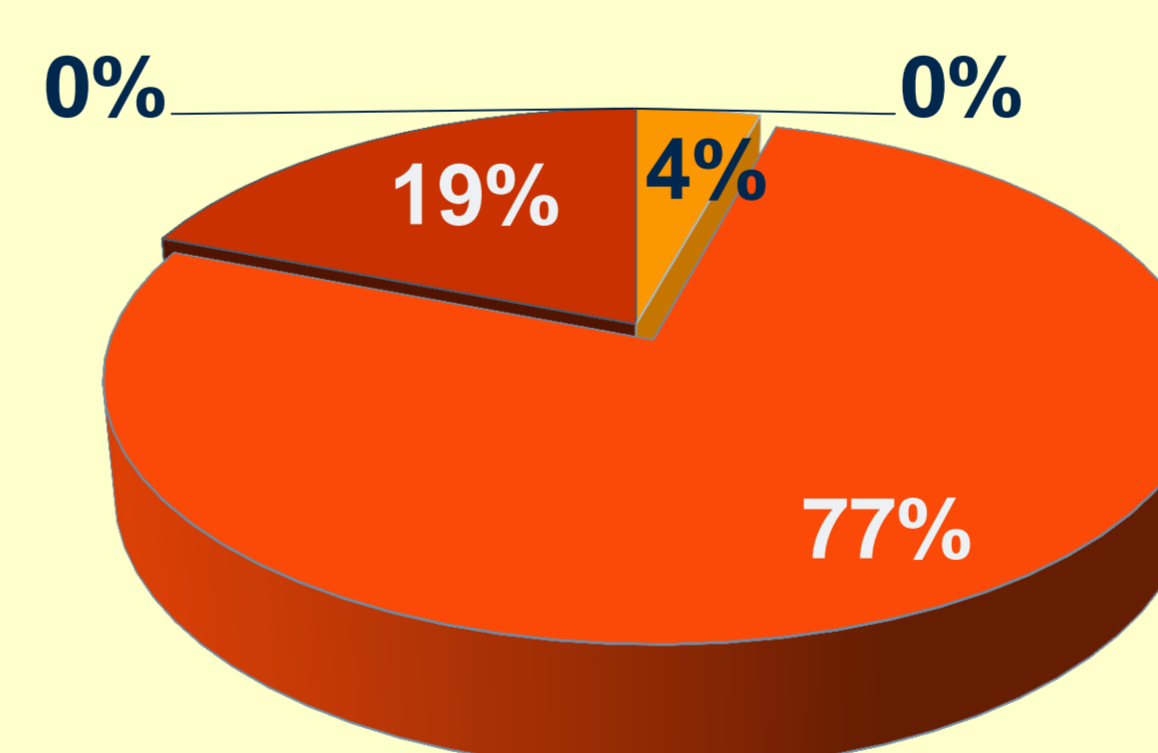
Future Plans

The micro-modules are currently adopted in HTMG3030A & HTMG3030B. They will also be used in the newly developed course HTMG5024 as a flipped teaching, as well as in other real estate related courses.
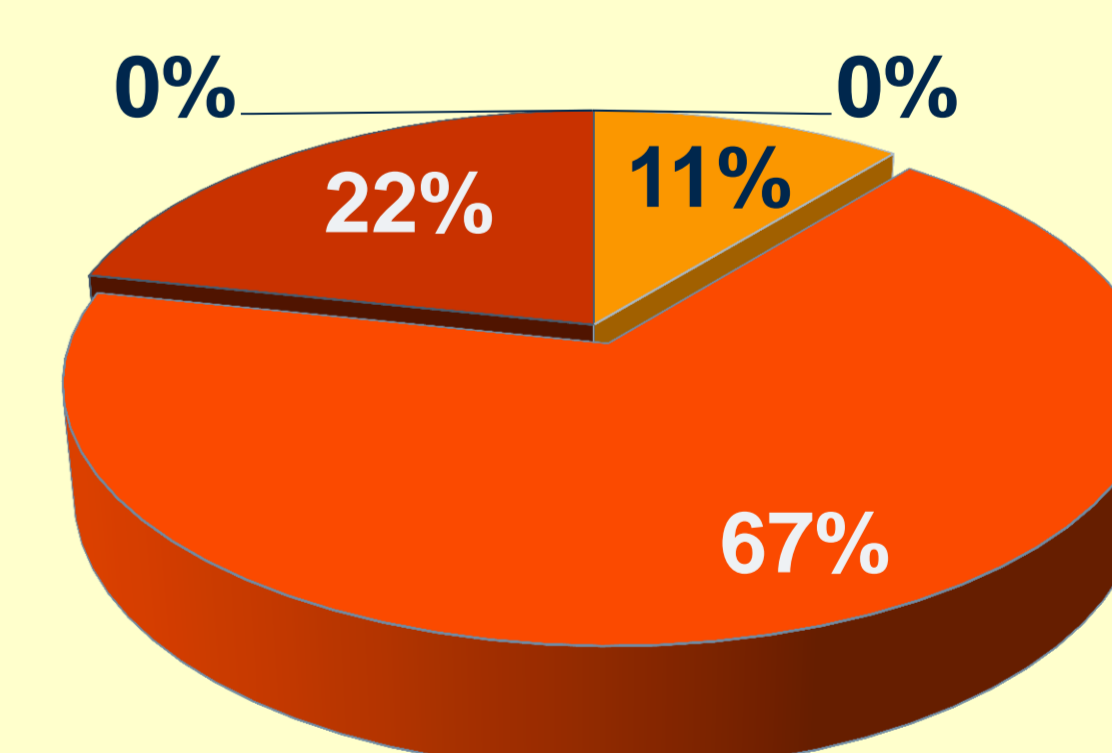
Evaluation

Feedback survey was conducted at the end of the semesters. The majority of the students agreed that the videos could help to enhance their understanding of difficult real estate concepts.
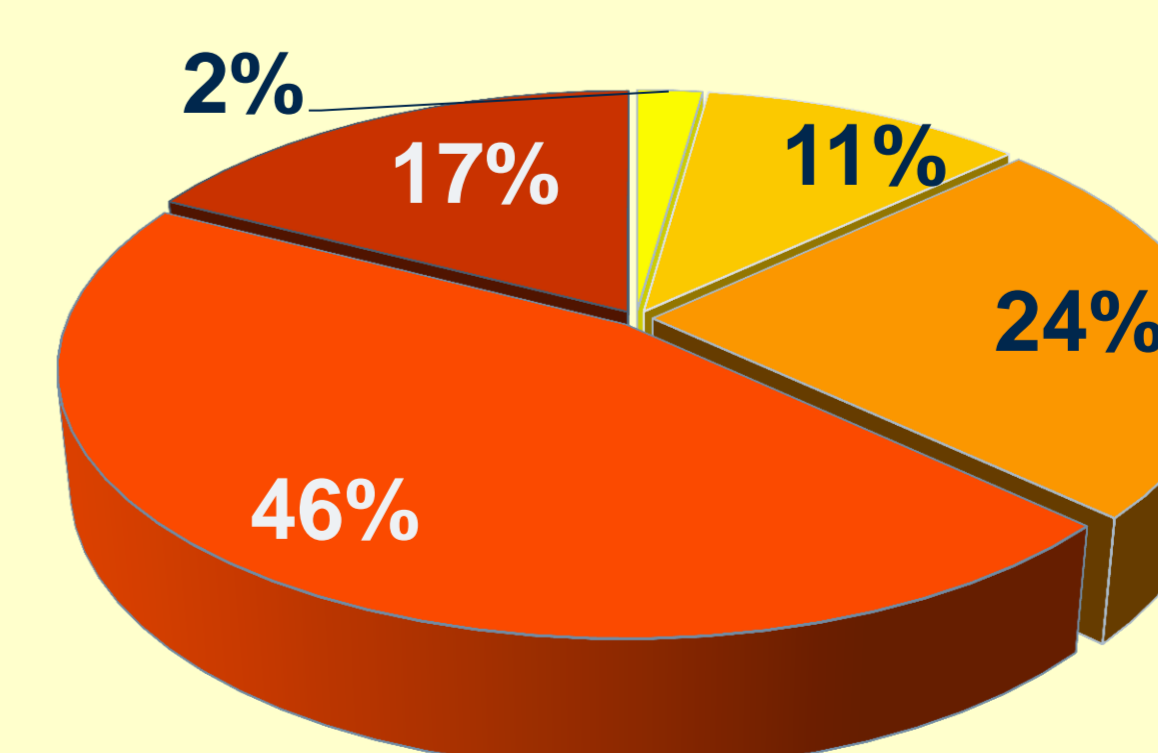

The videos enhanced my understanding of real estate concepts.
0% — 0% — 19% — 4% — 77%

I would recommend the use of videos as flipped teaching.
0% — 0% — 22% — 11% — 67%

I prefer watching the videos before class. In the class, the time is better allocated for discussing the theory.
2% — 17% — 11% — 24% — 46%

■ Strongly Agree   ■ Agree   ■ Neither Agree Nor Disagree   ■ Disagree   ■ Strongly Disagree

Acknowledgements

Graphics sources: kahoot.com; melbournechapter.net; mbtskoudsalg.com; flaticon.es