

Educational video games design

# Choose your own adventure games

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# What do you do?

A woman with short dark hair, wearing a dark jacket, is shown in profile from the chest up. She has a thoughtful expression, looking slightly upwards and to the right. The background is a soft, out-of-focus indoor setting. The entire image is framed within a large, semi-transparent grey circle.

Cancel the  
meeting

Inform your  
colleagues in  
advance

Ask your  
manager to  
join

# What do you do?

Cancel the meeting



Meeting is happening now

Inform your colleagues in advance



Meeting is happening now

Ask your manager to join



# What do you do?

Cancel the meeting

Inform your colleagues in advance

Ask your manager to join



Your manager is busy



Games for  
learning



Gianna Parasini: Allow me to reintroduce myself. Parasini, Noveria Internal Affairs.

Why are you here?

What do you want?

I don't have time for this.

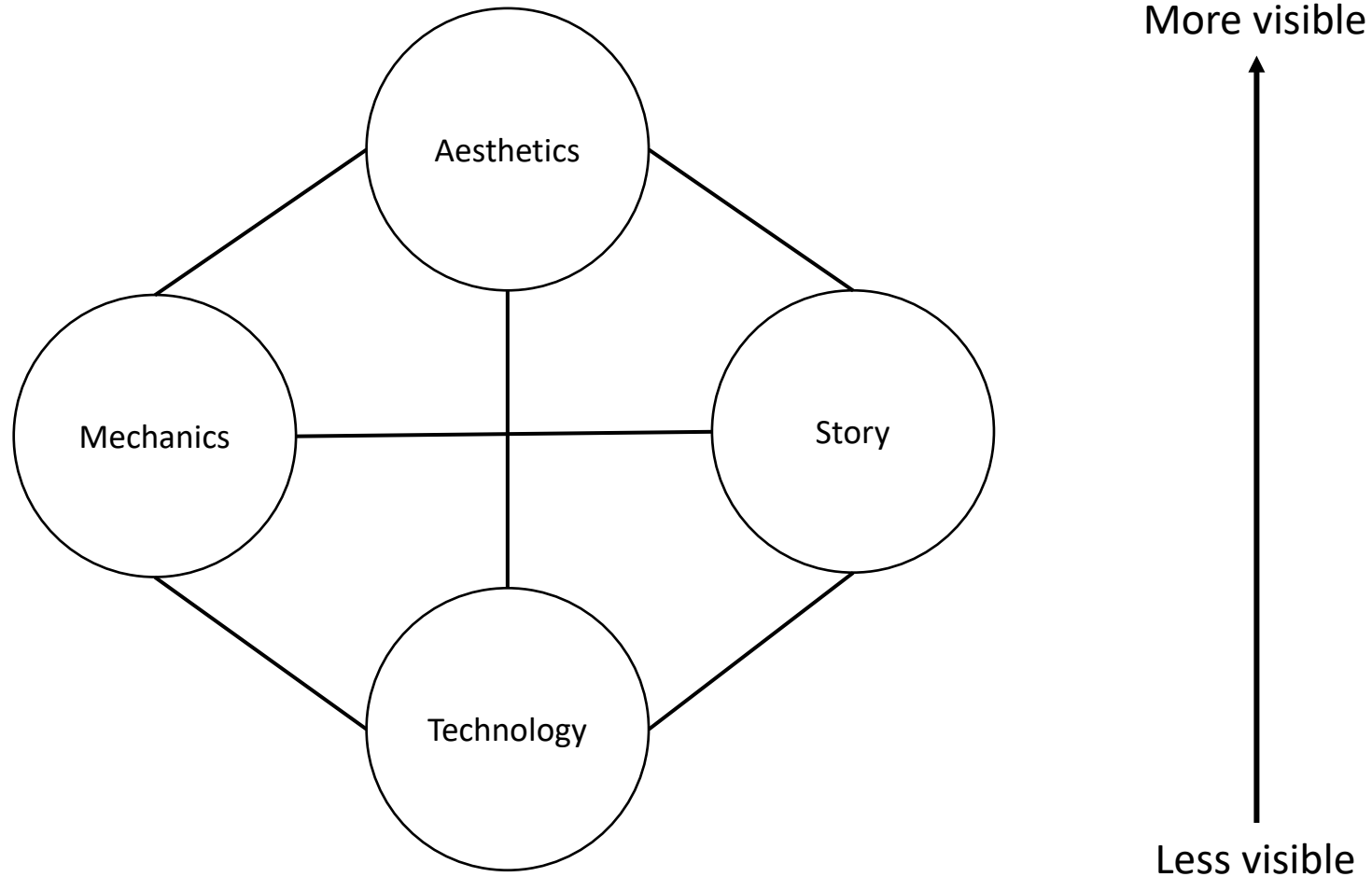
# Where do I start?

Brainstorming



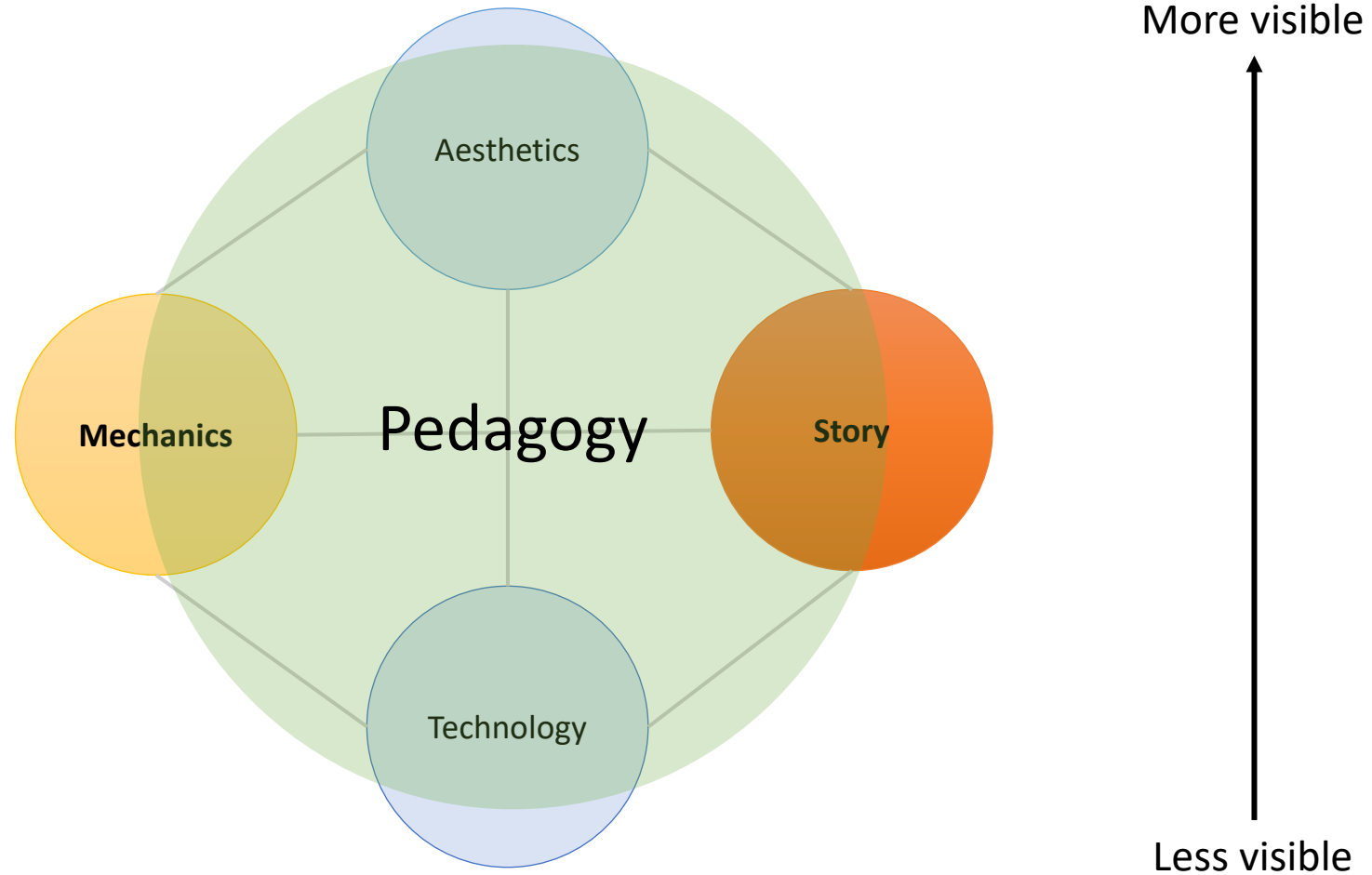
Learning Goals	Game goals
Recall main historical events during the <i>Silk Route years</i> .	To travel the entire <i>Silk Route</i>
Understand trading practices in the <i>Silk Route</i>	Maximize profit

# Elements in a game





# Pedagogical Elements in a Game



## Story Elements

Get angry and complain with the receptionist.

Start walking in front of the reception area

Remind the receptionist about her appointment with Mr. Singh

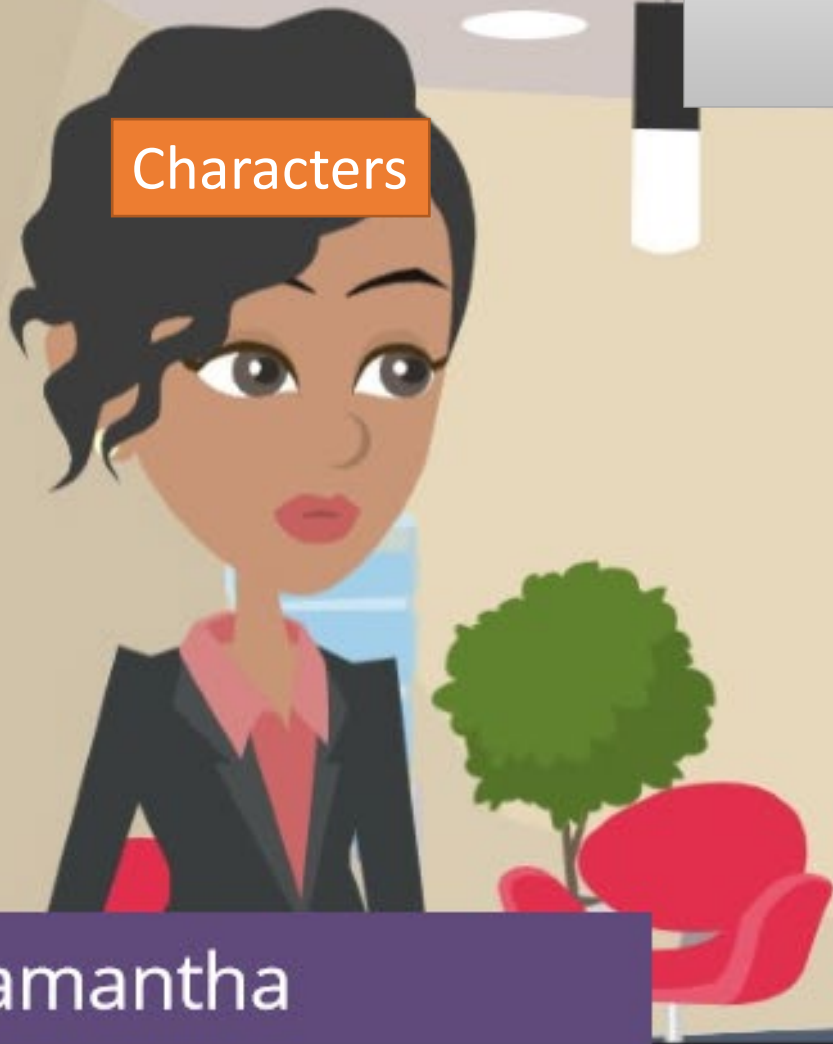
Samantha

This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

What should I do now?

## Story Elements

Characters



Samantha

This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

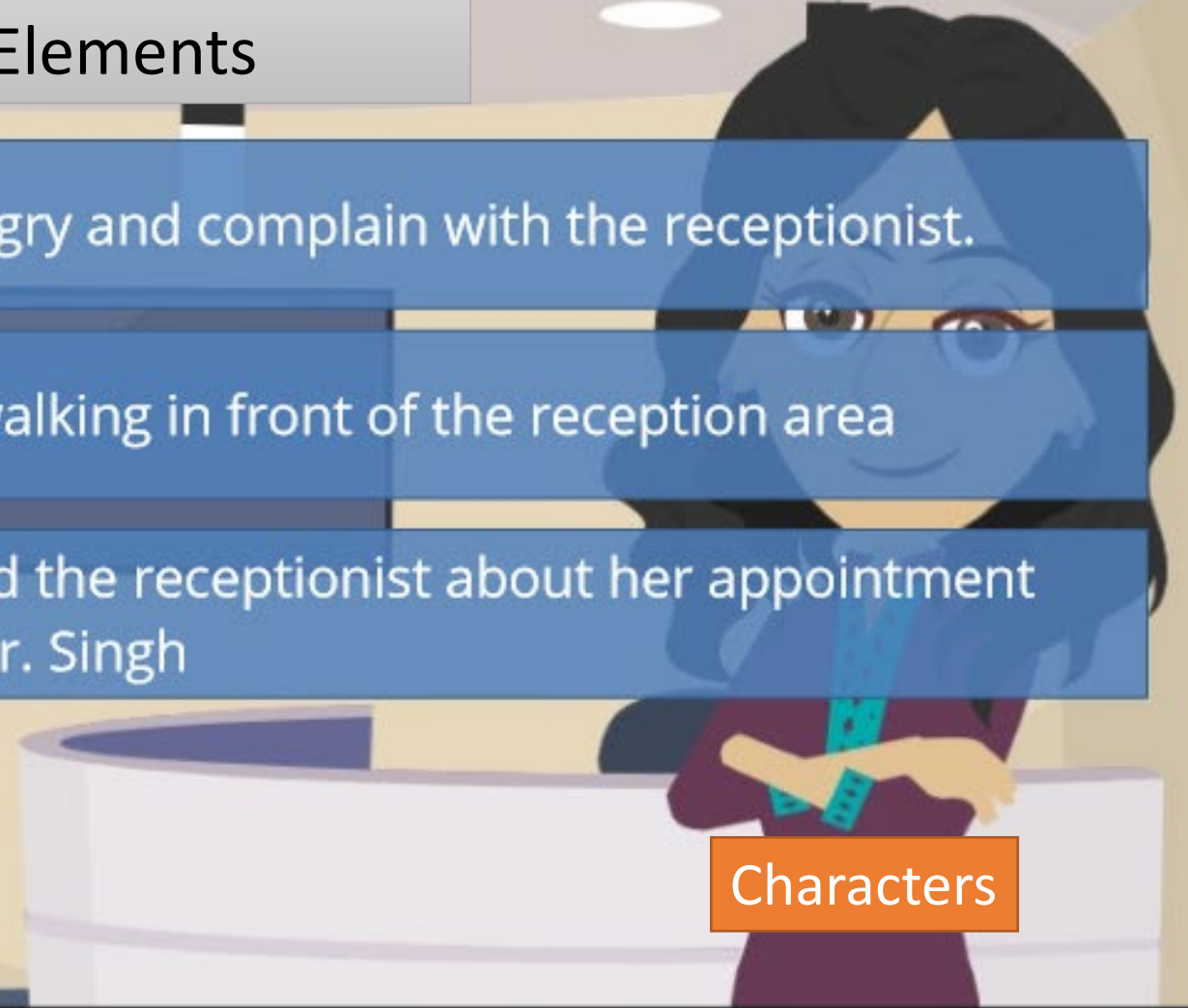
What should I do now?

Get angry and complain with the receptionist.

Start walking in front of the reception area

Remind the receptionist about her appointment with Mr. Singh

Characters



## Story Elements

Get angry and complain with the receptionist.

Start walking in front of the reception area

Remind the receptionist about her appointment with Mr. Singh

Setting

Samantha

This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

What should I do now?

## Story Elements

Get angry and complain with the receptionist.

Start walk

Conflict

Remind the receptionist about her appointment with Mr. Singh

Samantha

This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

What should I do now?

## Story Elements

Get angry and complain with the receptionist.

Start walking in front of the reception area

Remind the receptionist about her appointment with Mr. Singh

Samantha

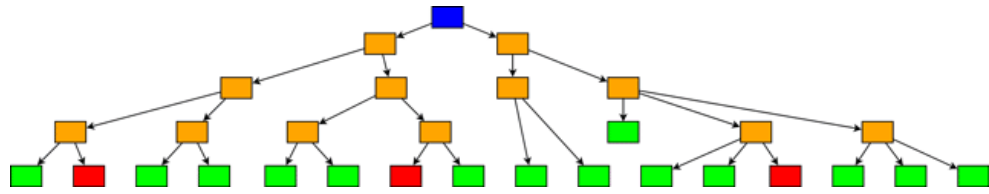
This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

What should I do now?

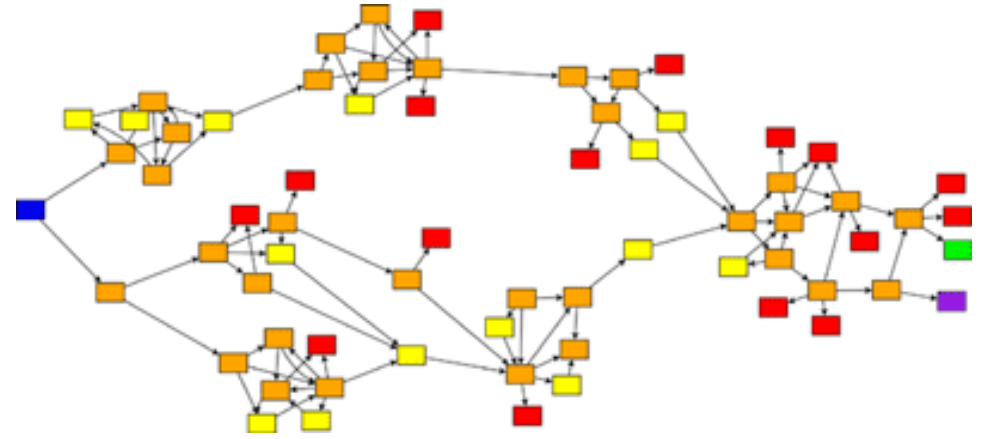
Ending(s)

# Patterns in choice-based games

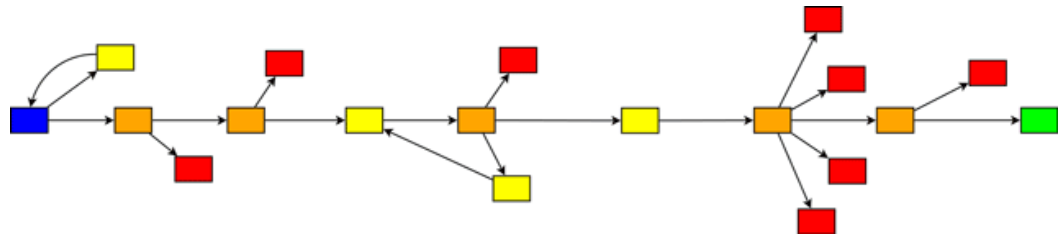
Time cave



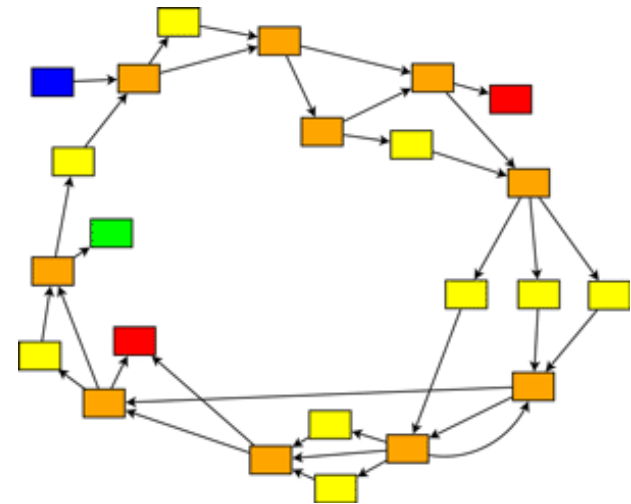
Quest



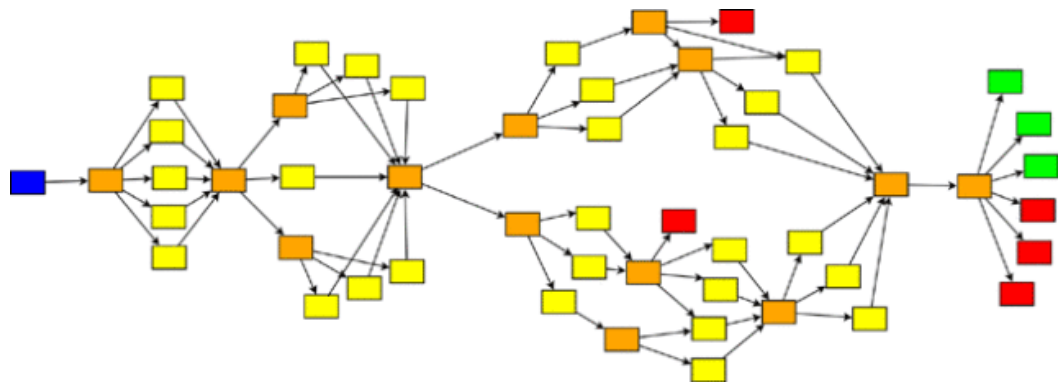
Gauntlet

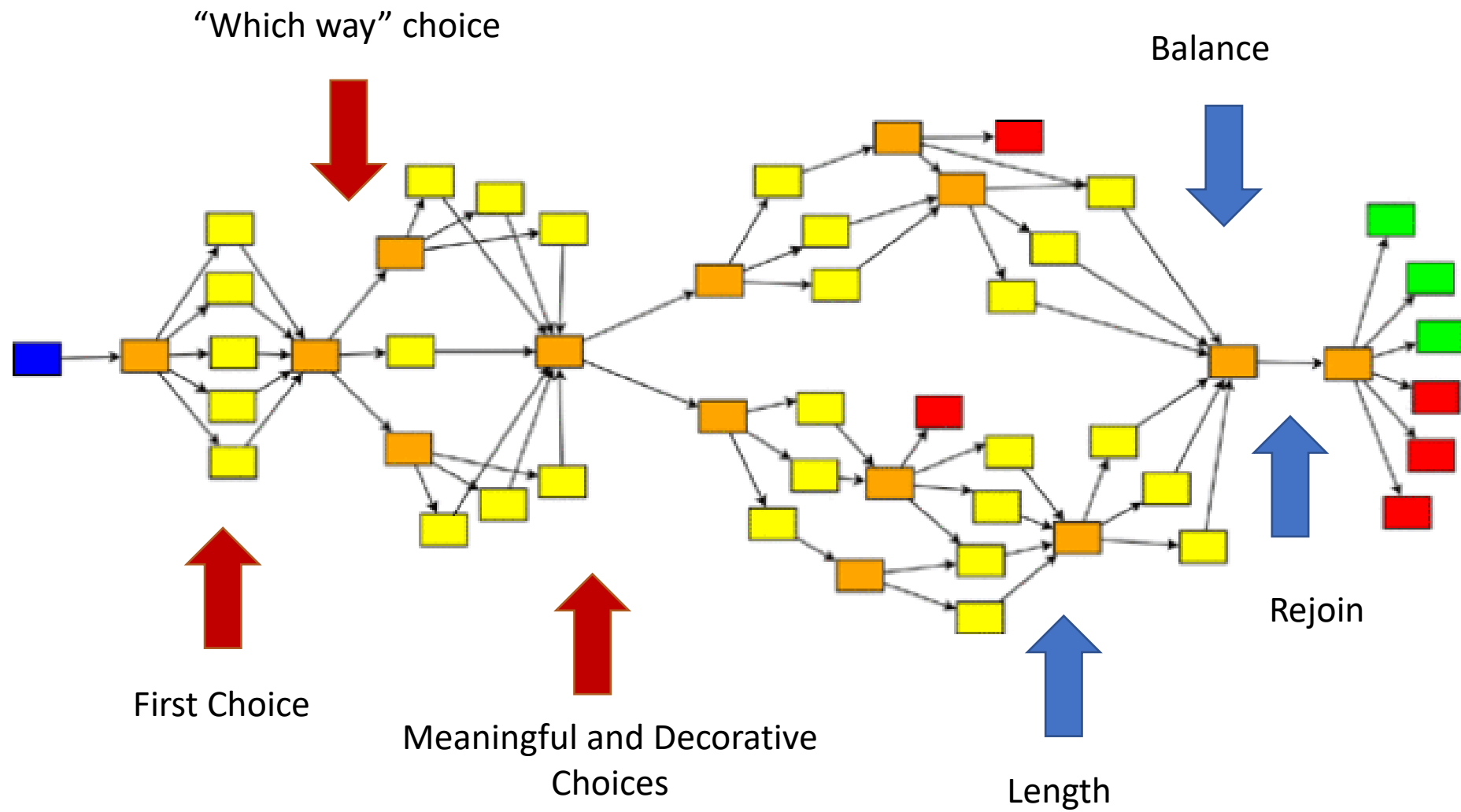


Loop and grow



Branch and bottleneck

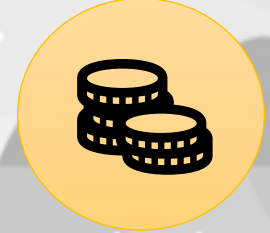








## Mechanics



150

Get angry and complain with the receptionist.

Start walking in front of the reception area

Remind the receptionist about her appointment with Mr. Singh

Samantha

This room is so hot, how rude of Mr. Singh to keep me waiting this long! One would expect that a bank manager would be more prompt!

## In-class Activities

What should I do now?



Dear Amanda,

Thank you for applying to our institution. Would you like to join us?

Absolutely

I have to think about it



Go Back

Skip



Go Back

Skip

# Other tools

- Presentation tools: PowerPoint, Google Slides
- eLearning Authoring tools: Articulate Storyline, Adobe Captivate
- Interactive content: H5P (recommended <https://h5pstudio.ecampusontario.ca/>)
- Interactive stories/Games: Twine, ChoiceOfGames

# Interesting games

- 80 Days by Meg Jayanth

<https://www.inklestudios.com/80days/>

- DestinyQuest Infinite

<http://destinyquestinfinite.com/>

- Skills practice: A home visit

<https://h5p.org/branching-scenario>

Thank you

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