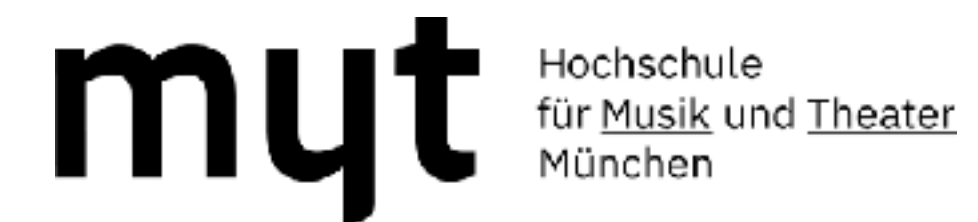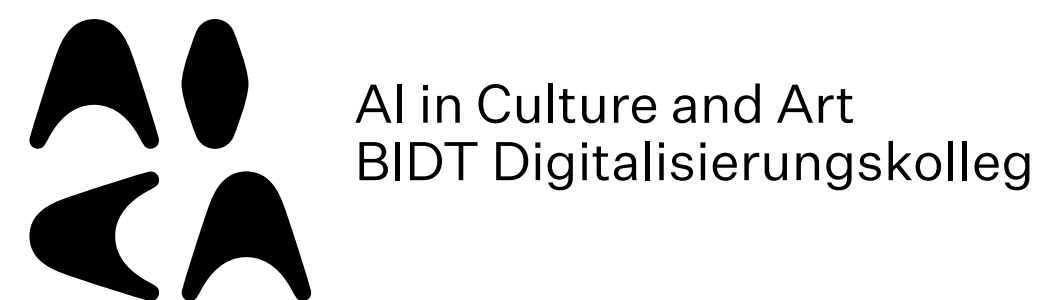# Framework for the projects on AI in culture and arts
What is a good project?

Téo Sanchez, Helena Held, Mariya Dzhimova

7th of November 2024

AI in Culture and Art
BIDT Digitalisierungskolleg

HM Hochschule
München
University of
Applied Sciences

myt Hochschule
für Musik und Theater
München

bidt
Ein Institut der Bayerischen
Akademie der Wissenschaften

MUC. Munich Center for
DAI Digital Sciences and AI

wave
lab

I. Project plan

II. Roles

III. Assignement

I. Project plan

II. Roles

III. Assignement

I. Project plan A project is more than a cool idea

A project is more than a cool idea

What methods are you going to implement to reach your goal?

A project is more than a cool idea

What methods are you going to implement to reach your goal?

What are the potential outcomes of your project?

A project is more than a cool idea

What methods are you going to implement to reach your goal?

What are the potential outcomes of your project?

How will you disseminate the outcomes of your project?

I. Project plan

I. Project plan

Project title
(the idea, a question)

I. Project plan

Project title (the idea, a question)	Methods

I. Project plan

Project title (the idea, a question)	Methods	Outcome

I. Project plan

Project title (the idea, a question)	Methods	Outcome	Dissemination

Project title (the idea, a question)	Methods	Outcome	Dissemination
AI-based audioguide for personalized guided tours			

5

I. Project plan

Project title (the idea, a question)	Methods	Outcome	Dissemination
AI-based audioguide for personalized guided tours	• A survey among visitors to understand their experience with audioguides • Implementation of a prototype		

Project title (the idea, a question)	Methods	Outcome	Dissemination
AI-based audioguide for personalized guided tours	• A survey among visitors to understand their experience with audioguides • Implementation of a prototype	• Survey responses and insights • A working prototype	

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Project title (the idea, a question)	Methods	Outcome	Dissemination
AI-based audioguide for personalized guided tours	• A survey among visitors to understand their experience with audioguides • Implementation of a prototype	• Survey responses and insights • A working prototype	• A public code repository of the prototype • A blog post about the project

5

Project title (the idea, a question)	Methods	Outcome	Dissemination
AI-based audioguide for personalized guided tours	- A survey among visitors to understand their experience with audioguides - Implementation of a prototype	- Survey responses and insights - A working prototype	- A public code repository of the prototype - A blog post about the project
Musical co-improvisation with an AI agent			

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What is the role of large language models among creative writers?			

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What is the role of large language models among creative writers?	• Interviews with creative writers • Analysis of the interviews		

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What is the role of large language models among creative writers?	• Interviews with creative writers • Analysis of the interviews	• Research insights	

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What is the role of large language models among creative writers?	• Interviews with creative writers • Analysis of the interviews	• Research insights	• An academic paper submitted to a conference on cognition and creativity

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Project title (the idea, a question)	Methods	Outcome	Dissemination	
AI-based audioguide for personalized guided tours	• A survey among visitors to understand their experience with audioguides • Implementation of a prototype	• Survey responses and insights • A working prototype	• A public code repository of the prototype • A blog post about the project	**Prototype design and building**
Musical co-improvisation with an AI agent	• Related work of existing co-improvisation agents • Composition of a semi-improvised piece/ performance	• A novel performance involving an improvisational agent	• Video recording of the performance published online (OMA, YouTube, others..) • Music scores and descriptions of the piece posted on a static website	
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What is the role of large language models among creative writers?	• Interviews with creative writers • Analysis of the interviews	• Research insights	• An academic paper submitted to a conference on cognition and creativity	**Research Investigation**

5

A project idea must be coherent with its method, expected outcome, and dissemination

The project's creativity and quality is also about those columns !

Project title (the idea, a question)	Methods	Outcome	Dissemination
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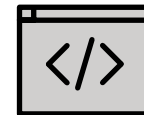I. Project plan

II. Roles

III. Assignement

Assign roles with concrete tasks

Assign roles with concrete tasks

Dev `</>`

Responsible of:
1. **the system developpment**
2. **the repository maintenance and documentation**
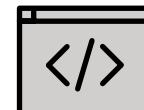
Must be confortable with programming, python, and machine learning libraries.

Assign roles with concrete tasks

Dev

Responsible of:
1. **the system developpment**
2. **the repository maintenance and documentation**

Must be confortable with programming, python, and machine learning libraries.

Journalist

Responsible of:
1. **synthesizing relevant sources**
2. **writing and proofreading**
3. **dissemination**

Must be confortable with reading scientific paper, google scholar, LaTeX/overleaf.

Assign roles with concrete tasks

Dev

Responsible of:
1. **the system developpment**
2. **the repository maintenance and documentation**

Must be confortable with programming, python, and machine learning libraries.

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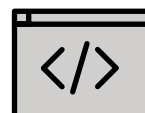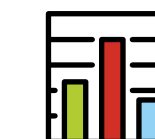2. **writing and proofreading**
3. **dissemination**

Must be confortable with reading scientific paper, google scholar, LaTeX/overleaf.

Data scientist

Responsible of:
1. **the statistical analysis of performance metrics**
2. **the report of results** (figures, tables, and text)
3. **Assisting the two other roles**

Must be confortable with maths, statistics, and visualization libraries (seaborn, matplotlib etc.)

II. Roles Assign roles with concrete tasks

Assign roles with concrete tasks

Roles have to be agreed as a team

Assign roles with concrete tasks

Roles have to be agreed as a team

You can invent new roles

Assign roles with concrete tasks

Roles have to be agreed as a team

You can invent new roles

Be mindful that coding is extremely time consuming !

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I. Project plan

II. Roles

III. Assignement

III. Assigment By the end of the day...

By the end of the day...

Please fill the [following spreadsheet](#) with:

By the end of the day...

Please fill the [following spreadsheet](#) with:

- Project idea

III. Assigment

By the end of the day...

Please fill the [following spreadsheet](#) with:

- Project idea

- Methods

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By the end of the day...

Please fill the [following spreadsheet](#) with:

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- Methods

- Expected outcome

By the end of the day...

Please fill the [following spreadsheet](#) with:

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- Dissemination

By the end of the day...

Please fill the [following spreadsheet](#) with:

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- Project members and roles

I. Project plan

II. Roles

III. Assignement

Any questions ?