



UNIVERSIDADE DE COIMBRA  
FACULDADE DE CIÊNCIAS E TECNOLOGIA  
DEPARTAMENTO DE ENGENHARIA INFORMÁTICA

# Pedagogical Contract

ARTIFICIAL INTELLIGENCE  
MASTERS IN INFORMATICS ENGINEERING (2017/2018)

## Group Members

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Project title: DatSound

## Milestones

#	Date		Description (to be shown / demonstrated)
1	Planned	31/10	(Literature review)
	Submitted		
2	Planned	7/10	Small Spotify API demo. Should be able to retrieve information from Spotify, when given a song or album title.
	Submitted		
3	Planned	14/11	Diagram showing the agents' architecture.
	Submitted		
4	Planned	21/11	When user listens to songs, he should receive recommendations of songs from the same album, artist or genre.
	Submitted		
5	Planned	5/12	When a user listens to a song, he should receive recommendations for similar songs, based on info provided by Spotify ('tempo', 'acousticness', 'energy', 'loudness', 'valence', and other similar factors, together with the ones already implemented). The user should also be recommended music events (concerts or similar), based on his music genre choices.
	Submitted		
6	Planned	22/12	(Final milestone) User feedback taken into account for the music recommendations if he likes a recommended track or not, and the response is taken into account for the next recommendations). Agent can obtain info from new releases, and recommend certain songs from that list to the user, based on his listening history.
	Submitted		