

MELODY

Multimodal interfaces

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PLAN

- Introduction
- Modalities
- Equipment / technology
- The application
- user evaluation
- Demo video
- Conclusion

Introduction

- Implementation from easy melody reader.
- Use at least two or more modalities.

Modalities

- Touch:
 - select melody
 - play melody
- Voice :
 - play melody
- Gesture:
 - change volume
 - change tempo

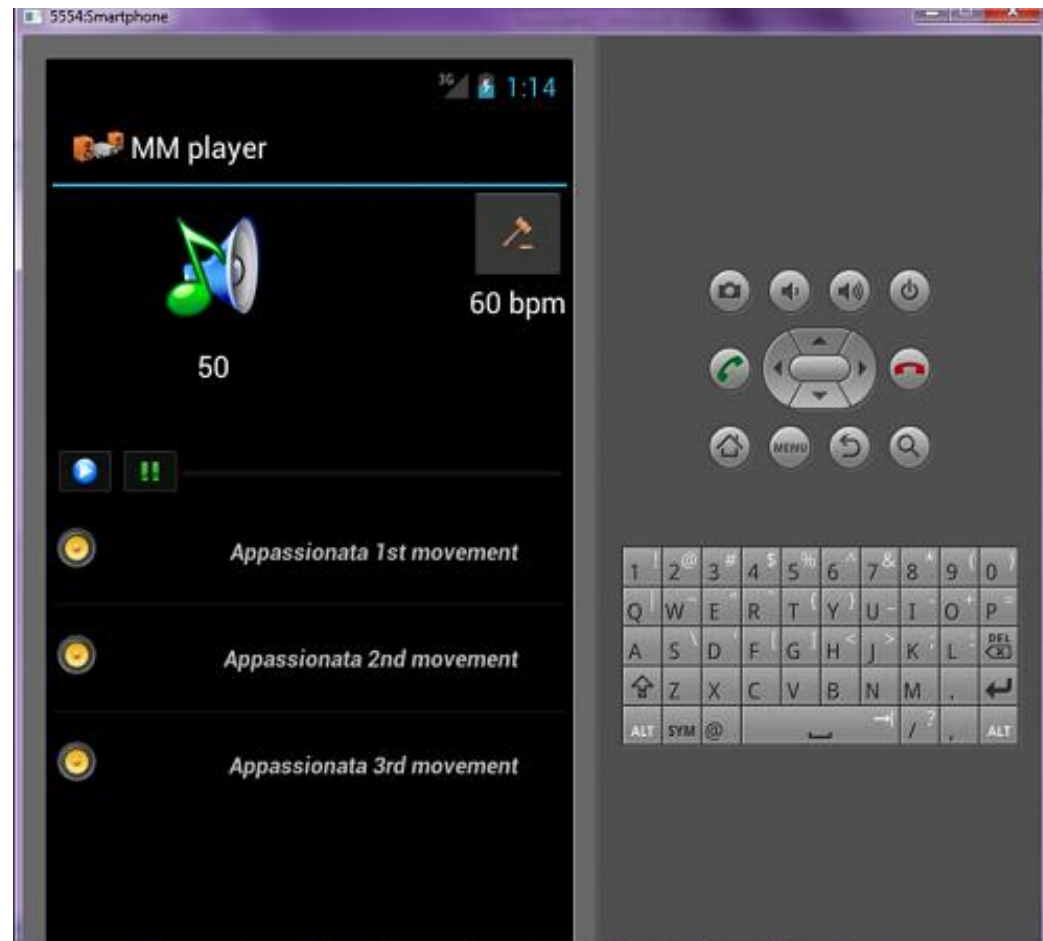
Equipment / technology

- Smartphone
- Android operating system
- Eclipse, JDK,



The application

- Software GUI



- This current GUI contains three basic melodies.
- Functional requirements:
 - ❖ **select melody**
 - ❖ **play melody**
 - ❖ **change tempo**
 - ❖ **Pause**
 - ❖ **change volume**

User Evaluation

- the constructive interaction method
- Qualitative evaluation
- Let users play
- improve the usability of the application

Demo video





Conclusion