

Risk Response Plan Form

Project: Melody

1st Step: Risk Identification

Name of the Risk: Failure in color recognition due to lighting or quality issues	ID N° 4
Risk Description: The system may fail to accurately detect note colors due to inconsistent lighting or poor camera image quality	

2nd Step: Risk Evaluation

Impact: <input type="checkbox"/> 1(Very Low) <input type="checkbox"/> 2(Low) <input type="checkbox"/> 3(Average) <input checked="" type="checkbox"/> 4(High) <input type="checkbox"/> 5(Very High) Explanation: Color recognition is critical for correctly identifying note types. Since visual feedback and note interpretation are crucial to the system's functionality, a failure here would affect the usability of the project.
Probability: <input type="checkbox"/> 1(Very Low) <input type="checkbox"/> 2(Low) <input checked="" type="checkbox"/> 3(Average) <input type="checkbox"/> 4(High) <input type="checkbox"/> 5(Very High) Explanation: Lighting and image quality issues are common, but for identifying colors the camera quality doesn't need to be so high.

3rd Step: Risk Response Plan

Task, Who will do it, When it will be done!	
Strategies and Tasks that should be performed in order to reduce the "Impact"/"Probability" of this risk: Prevention Tasks: Select high-contrast and clearly distinguishable colors for note types.	
Mitigation Tasks: Provide an option to reclassify notes through user confirmation (teacher) if detection fails.	
Transfer* (use in last case, avoid if possible):	
Acceptance Tasks (avoid at all costs!):	
(* At Integration Workshop 3, it would not be possible to "transfer" the Risk outside of the team!)	
Re-evaluated Impact (1~5): 3	Re-evaluated Probability (1-5): 2
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Form based on Gasnier, 2000 (IMAN Editor), adjusted by Wille(UTFPR), translated to English by Fabro(UTFPR).