

# MXB161 Original Creation Live Script template

## Submission requirements

At first, you submit this document with the highlighted sections completed only. We will provide feedback on your plan to ensure it is feasible.

The fully completed document is then due, along with the rest of the portfolio, at the end of the semester.

- **Due date:**
  - Initially submit during your Week 10 Practical for feedback. Only the highlighted sections need to be completed at this time (although it's fine if you have started the timeline too).
  - Submit the fully completed document on 11:59pm, Friday 2 June (end of week 13) along with the rest of your portfolio.
- **How to submit:** Via the assessment link on Canvas

<b>Project description</b>	Write a 1-2 sentence overview describing your proposed project. Random walks where each beat or note changes the direction of the motion of the particle. A song will be created on Matlab or we will use an existing song. Basically creating an image from a sound.														
<b>Unit topics</b>	Which two topics from the unit do you plan to synthesise techniques from? <ul style="list-style-type: none"> <li>• Random Walks</li> <li>• Sound Processing</li> </ul>														
<b>Technique extension</b>	Write 1-2 sentences explaining how your project will extend at least one technique beyond what was covered in the unit.  For Sound Processing, the group will focus on discovering new ways to read and process specific 'bpm' or 'tempo' from the given song to somehow use the beat to manipulate the particles from Random Walk.														
<b>Problem solution</b>	Write 1-2 sentences explaining how you are going to solve the problem and how the results/solution will be presented.  The results will be presented in the form of an image.														
<b>Proposed timeline</b> (complete this section only after you have received feedback on your proposal)	<p>List the key milestones (or subtasks) and associated timelines that your team will need to meet in order to arrive at your problem solution.</p> <table border="1"> <thead> <tr> <th>Milestone description</th><th>Anticipated completion date</th></tr> </thead> <tbody> <tr> <td>Define and agree on scope of project.</td><td>Day 1</td></tr> <tr> <td>Research and do trials on new codes.</td><td>Week 11 (Day 2-5)</td></tr> <tr> <td>Start coding functions in .m files.</td><td>Week 11-12 (Day 6-10)</td></tr> <tr> <td>Begin program for the main .mlx file.</td><td>Week 12 (Day 11-15)</td></tr> <tr> <td>Do tests and necessary changes for the code.</td><td>Week 12 (Day 16-18)</td></tr> <tr> <td>Complete reorganisation of code for clarity and finalise original creation template. Submit 1-2 days before deadline.</td><td>Week 13 (Day 18-19)</td></tr> </tbody> </table>	Milestone description	Anticipated completion date	Define and agree on scope of project.	Day 1	Research and do trials on new codes.	Week 11 (Day 2-5)	Start coding functions in .m files.	Week 11-12 (Day 6-10)	Begin program for the main .mlx file.	Week 12 (Day 11-15)	Do tests and necessary changes for the code.	Week 12 (Day 16-18)	Complete reorganisation of code for clarity and finalise original creation template. Submit 1-2 days before deadline.	Week 13 (Day 18-19)
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<p><b>Team roles and responsibilities</b> (complete this section only after you have received feedback on your proposal)</p>	<p>List your team members and outline what part of the project each will be responsible for leading.</p> <p>Lily:</p> <p>Random Walk function</p> <p>Organisation of code</p> <p>Original Creation Template</p> <p>40% of code for the final .mlx file</p> <p>Raymund:</p> <p>Function for beat detection</p> <p>Organisation of code</p> <p>60% of final code</p> <p>Finalised and polished code</p>
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