# GRADUATION PLAN (P-2)

<table>
<thead>
<tr>
<th>Project Title: SHADING DESIGN WORKFLOW FOR ARCHITECTURAL DESIGNERS</th>
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<td>Mentors: Michela Turrin and Eric van den Ham</td>
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**LITERATURE RESEARCH**
- Precedents on shading devices and case study
- Theory on sunshadings
- Research on performance indicators
- Case Studies selection
- Evaluation and description on proposed tools
- Current scenario for designers and developers on the use of parametric tools

**PRACTICAL RESEARCH**
- Workflow Structure development
- Implementation of methodology as part of the project
- Parametric simulation build-up and testing
- Implementation of optimization of tools D-Exp + Mode Frontier
- Formulation of methodology for assessment
- Implementation of Static Single Panorama VR
- Implementation of Interactive 1:1 Scale VR
- Parametric Model of The Esplanade
- Simulation phase
- Optimization phase
- Visualization phase
- Assessment
- Conclusions

**CASE STUDY**
- Final Report
- Final Presentation