

WP2-g / WP2-h

Jury of 1st and 2nd competition

1st Competition Evaluation Matrix

2nd Competition Evaluation Matrix



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Discipline	Criteria	Level	Assesment
ARCHITECTURE (D 01)	Inventiveness	1	Limited creativity, lacks innovative ideas or approaches.
		2	Some creativity demonstrated, occasional innovative elements.
		3	Demonstrates creativity, incorporates innovative and original ideas.
		4	Exceptional creativity, consistently integrates groundbreaking and inventive
	Appropriateness and Contextual Integration	1	Limited alignment with project requirements and context, resulting in a lack of appropriateness in design.
		2	Partial alignment with project requirements, with some appropriateness, and a moderate consideration of the context.
		3	Generally appropriate design choices well-aligned with project requirements, showing good integration with the context.
		4	Highly appropriate design choices, demonstrating a clear understanding and alignment with project goals, and exceptional contextual integration.
	Model Design and Spatial Representation:	1	Basic model design with unclear spatial representation.
		2	Average model design, some aesthetic elements with fundamental spatial understanding.
		3	Good model design with clear structure and convincing spatial representation.
		4	Excellent model design, thoughtful composition, visually appealing, and outstanding spatial representation.
	Visual and Constructive Strength	1	Weak visual and constructive elements, lacks clarity.
		2	Basic visual and constructive strength, some clarity in design.
		3	Good visual and constructive strength, clear presentation of design elements.
		4	Excellent visual and constructive strength, sophisticated and well-presented design elements
CONSTRUCTION (D 02)	Appropriate selection of types of wooden elements	1	Limited understanding of wooden elements, leading to inappropriate selection choices.
		2	Partial understanding of wooden elements, with some basic and appropriate selections.
		3	Good understanding of various wooden elements, resulting in proficient and suitable selections.
		4	Advanced understanding of the characteristics of wooden elements, leading to expert and highly appropriate selections.
	Feasibility and Compatibility	1	Restricted understanding of the feasibility of the design in relation to hall frames, resulting in poor compatibility.
		2	Moderate understanding of the design's feasibility with hall frames, with some basic compatibility considerations.
		3	Proficient understanding of the feasibility of the design in connection with hall frames, resulting in good compatibility.
		4	Advanced understanding of the design's feasibility, ensuring seamless integration with hall frames, demonstrating expert-level compatibility.
	Explanation	1	The report provides a limited or insufficient explanation for the selection of the element type.
		2	A basic explanation is given in the report for the chosen element type, but lacks depth or clarity.
		3	The report offers a clear and satisfactory explanation for the selection of the element type, demonstrating a good understanding.
		4	An in-depth and insightful explanation is provided in the report, showcasing a profound understanding of why the specific element type was selected.
	Design Decisions	1	Design decisions in the draft are disjointed or unclear, lacking a cohesive rationale.
		2	The draft includes fundamental design decisions, but some may lack depth or a comprehensive explanation.
		3	Design decisions in the draft are well-considered, coherent, and supported by a clear rationale, demonstrating a good understanding.
		4	The draft showcases innovative and strategically sound design decisions, reflecting a profound understanding and a high level of creativity.
MEP (MECHANICAL, ELECTRICAL AND PLUMBING) (D 03)	HVAC Concept	1	The HVAC system concept is insufficient or poorly defined, lacking clarity and coherence.
		2	A basic HVAC system concept is outlined, but it may lack depth or a comprehensive understanding of key elements.
		3	The HVAC system concept is well-developed, effective, and demonstrates a good understanding of key principles and components.
		4	An innovative and optimal HVAC system concept is presented, showcasing advanced understanding, creativity, and strategic thinking.
	water and sewerage systems	1	insufficient
		2	basic
		3	well-developed
		4	innovative
	electrical / lighting and BEMS	1	insufficient
		2	basic
		3	well-developed
		4	innovative
	3D model quality	1	The 3D model is rudimentary, lacking detail, accuracy, and visual appeal.
		2	A satisfactory 3D model is presented, but some aspects may require refinement in terms of detail and presentation.
		3	The 3D model is of high quality, demonstrating accuracy, attention to detail, and visual appeal.
		4	An exceptional 3D model is showcased, with outstanding accuracy, intricate detailing, and visually compelling presentation.
MODEL CHECKING (D 04)	Completeness of test report	1	The test report is incomplete, lacking essential details and failing to cover key aspects of the testing process.
		2	The test report provides some information but lacks completeness, missing certain critical details and insights
		3	The test report is well-documented and comprehensive, covering all essential aspects of the testing process.
		4	An exceptionally detailed and thorough test report is presented, offering comprehensive insights into the testing procedures and outcomes.
	Use of classifications	1	incorrectly
		2	basic manner
		3	proficient
		4	advanced
	Use of new rules	1	no new rules
		2	New rules are applied in a basic manner
		3	The application of new rules is proficient
		4	new rules are applied in an advanced and strategic manner,
BIM DESIGN COORDINATION and COMMUNICATION (D 05)	Progress During Team Meetings	1	Limited or absent informal assessment during team meetings hinders effective gauging of team development.
		2	Basic informal assessment of progress occurs during team meetings, but it may lack depth or regularity.
		3	Regular and effective informal assessment during team meetings contributes to a good understanding of team development.
		4	Strategic, insightful, and consistent informal assessment during team meetings provides a deep understanding of team dynamics and progress.
	Solibri reports	1	The formal assessment of reports is limited or inadequate, lacking key elements
		2	A basic assessment is conducted on reports, but it may lack depth or comprehensive analysis.
		3	A competent and comprehensive assessment of reports is performed, providing a good understanding of the content and its implications.
		4	An advanced and strategic assessment is conducted on reports, offering profound insights, strategic recommendations, and a thorough understanding of the content.
	BIM collab reports	1	limited
		2	basic
		3	competent
		4	advanced

CONSTRUCTION SCHEDULING (D 06)	Construction Sequence	1	The construction sequence lacks coherence, with elements appearing disjointed and not logically connected.
		2	A basic construction sequence is presented, but some aspects may lack smooth transitions or logical flow.
		3	The construction sequence is well-structured and coherent, demonstrating a logical flow of activities and transitions between construction phases.
		4	An advanced and strategically optimized construction sequence is showcased, indicating a sophisticated understanding of project dynamics and effective sequencing for efficiency.
	video	1	Limited insight into construction phases in the video.
		2	Basic representation of chronological construction phases.
		3	Detailed and clear illustration of construction phases.
		4	Sophisticated and visually engaging depiction of construction phases.
	Correct Sequence and Grouping of Technological Elements	1	Incorrect Sequence and Grouping: Elements lack coherence and logical organization.
		2	Partially Correct Sequence and Grouping. Some correct sequencing and grouping with inconsistencies.
		3	Technological elements are correctly and coherently organized.
		4	Advanced, strategically optimized sequencing and grouping.
LIFE CYCLE ASSESSMENT (D 07)	Realistic LCA Calculation Results in the Report	1	The LCA calculation results in the report are unrealistic, displaying inaccuracies or deficiencies in the assessment.
		2	Some aspects of the LCA calculation in the report are realistic, but there are notable inconsistencies or shortcomings.
		3	The LCA calculation results in the report are realistic and comprehensive, providing a solid foundation for environmental impact assessment.
		4	Advanced, strategically optimized LCA calculation results are presented in the report, reflecting a sophisticated understanding and strategic approach to environmental impact assessment.
SIMULATION (D 08)	Realistic Energy Performance	1	The energy performance presented is unrealistic, showing inaccuracies or deficiencies in the assessment.
		2	Some aspects of the energy performance are realistic, but there are notable inconsistencies or shortcomings.
		3	The energy performance assessment is realistic and comprehensive, providing a solid foundation for evaluating overall energy efficiency.
		4	Advanced, strategically optimized energy performance assessment is presented, reflecting a sophisticated understanding and strategic approach to optimizing energy efficiency.
	efficient Positioning of Solar Renewable System	1	The positioning of solar renewable systems and shading devices is inefficient, leading to suboptimal energy capture and shading benefits.
		2	Some aspects of the positioning are efficient, but there are notable inefficiencies that impact energy capture and shading effectiveness.
		3	The positioning of solar renewable systems and shading devices is efficient and thoughtful, maximizing energy capture and shading benefits.
		4	Advanced, strategically optimized positioning is evident, showcasing a sophisticated understanding of solar energy utilization and shading optimization.
	Verification of Indoor Visual Quality in Comparison with Standard Requirements	1	Verification of indoor visual quality is limited, and there is a lack of comparison with standard requirements for the intended use.
		2	Some elements of indoor visual quality are verified, but the comparison with standard requirements is basic and may lack comprehensiveness.
		3	Indoor visual quality is thoroughly verified, with a detailed and comprehensive comparison against standard requirements for the designated use.
		4	Verification is advanced and strategically optimized, demonstrating a sophisticated understanding of indoor visual quality in alignment with standard requirements.
	Simulation Data	1	The interpretation and organization of simulation data are limited, hindering effective communication of results.
		2	Some elements of interpretation and organization are present, but there is room for improvement in effectively communicating simulation results.
		3	Simulation data are interpreted clearly and well-organized, facilitating effective communication of results.
		4	The interpretation is advanced, organization is strategic, and communication of simulation data is highly effective, showcasing a sophisticated understanding of the results.
CONSTRUCTION PRODUCT TRACEABILITY (D 09)	Selection of Objects for Documentation	1	The selection of objects for documentation is limited, potentially missing key components or elements.
		2	Some objects are selected for documentation, but there may be gaps or inconsistencies in coverage.
		3	The selection of objects for documentation is comprehensive, covering key components and elements relevant to the project.
		4	Object selection is advanced and strategically optimized, showcasing a sophisticated understanding of project priorities and documentation requirements.
	Number and Quality of Linked Objects	1	The number of linked objects is limited, and the quality of the links is insufficient, impacting the overall connectivity.
		2	A moderate number of objects are linked, but there are areas where the quality of links could be improved for better connectivity.
		3	A sufficient number of objects are linked with good quality, ensuring reasonable connectivity and relationships.
		4	An advanced number of objects are linked with high-quality connections, strategically optimized to enhance overall project coherence and understanding.
REPORTING (D 10)	Frequency of Posts	1	The group's posting frequency of news on Instagram is minimal, with infrequent updates.
		2	There is a basic posting frequency of news on Instagram, but it may lack consistency or regularity.
		3	The group maintains a regular and consistent posting frequency of news on Instagram, ensuring a steady flow of updates.
		4	The posting frequency is advanced, strategically optimized, and ensures a dynamic and engaging presence of news on Instagram.
	Content	1	Limited Content Quality
		2	Basic Content Quality
		3	Good Content Quality
		4	Advanced and Strategic Content Quality
	Layout	1	The layout is basic, lacking visual appeal or effective organization.
		2	There is an improved layout, but certain elements may still need refinement for better visual presentation.
		3	The layout is well-structured, providing a visually appealing and organized presentation.
		4	The layout is advanced, strategically optimized, and aesthetically pleasing, showcasing a sophisticated understanding of design principles.
	Presentation	1	The final presentation of results at the conference has limited quality and could be improved.
		2	There is an improved presentation quality, but certain elements could still be further optimized for better visual representation.
		3	The presentation of final results is well-structured, providing a visually appealing and organized display.
		4	The presentation is advanced, strategically optimized, and aesthetically pleasing, showcasing a sophisticated understanding of design principles.

