



HASAN KALYONCU UNIVERSITY
Civil Engineering Department
CE 499 Project Proposal Form

Part I. Project Proposer

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Part II. Project Information

Starting Term	2020 / 2021
Title of the Project	Digital construction management: Case Study
Project Description	
Digital construction management is the use and application of digital tools to improve the process of delivering and operating the built environment. In general, terms that will translate into making the delivery, operation, and renewal of our built environment safer, more efficient, and more collaborative. Students will make a design and test all process of case study project.	
Project Justification	
Novelty	
New aspects	Develop process and QA/QC management
Complexity	
Challenging problem and issues	3D Modelling and Energy simulation test methodology
Related civil engineering science fields and subfields	Construction Management
Tools	Revit, Navisworks and Green Building Studio
Risk involved	
Potential problems and alternative solutions	Restricted time
Minimum work required	3 students