# 2D Floor Designing With JavaScript

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**Abstract***: A 2D Floor designing is an architectural scale drawing that shows, from an top view, the positioning of rooms, walls, spaces, and other physical features in a defined area. A 2D floor plan is required during the construction work of a new structure or the renovation work of an existing one. The goal of this work is to do a fast and robust room designing on floor plans. The idea is, that a wide range of non-standardized floor plans can be analyzed, time efficient, with approximate precision. It is the best result out of different approaches that are existing*

**Keywords:** 2D view, precision, renovation, non-standardized

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