

## **Fifth research summary**

### **The Furniture Layout Using the Interior Design Guidelines**

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#### **Summary:**

Space is a precious and finite resource. That is why creating desirable layouts of building interiors is a complex task as designers have to manually adhere to various local and global considerations arising from competing practical and design considerations. We are specifying the techniques and most successful combinations of the furniture in the Interior space, in order to satisfy the human needs for comfort and rest.

Good room layouts in building designs have to consider functional and personal specifications coming from the user, while also taking into account the final manufacturing cost.

#### **Research problem:**

The Designer has a big responsibility on himself, because people rely on him their future environment. They will spend most of their time in the apartment, so it should be functional, comfortable and pleasant. The design should be psychologically and visually pleasant and friendly.

#### **Research objective:**

Try to specify what criteria are needed in order to create the successful furniture layout in the room. In addition we are analyzing the tools which can be useful for planning and also can economize a lot of time and efforts of the Designer.

#### **Conclusions:**

We have presented a furniture layout system that is driven by a set of interior design guidelines and mentioned all the important sections that should be covered by the Designer, in order to create the successful space layout. We have also reviewed the appropriate measurements for the room, also the most convenient furniture layout in different types of room: long, square etc. We have reviewed the programs that can be used for the planning and designing of the furniture layout in the room. There is an opportunity to check the material and colors, to try the different variety of the furniture placement.