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4.8 Organization of Modern Work-space: Problem Statement

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Each era defines its own requirements for the organization of work activities. An analysis of the evolution of workspaces demonstrates that the design of modern offices does not follow functional and planning principles. It's time to discuss the present and look to the future in order to reveal how to promote productivity in your work and life.

At the moment, the design of residential interiors is very developed, where the designer also acts as a psychologist, interacting with the customer. Selecting textures of materials, preferable colors, ergonomic furniture, storage systems, implementing a "smart home" system - all this makes the time people spend at home comfortable, affects their attitude and internal state. According to statistics, an

average person spends most of his life not at home, but at work, but the attention is not given to the creation of a comfortable, modern, harmonious working environment. Currently, most workspaces follow the same model: each employee has his own workplace, usually a table, chair and computer. A comfortable office normally has a kitchen and a bathroom. Employees are forced to sit at this table for 8 hours, leaving it only for 1 hour during their lunch break. Such office spaces and strict time limits make workers expect the work day to end as soon as possible, which significantly reduces productivity. In addition, office employees do not have time to cope with their everyday chores – to go to the post office, delivery points, dry cleaning, communicating with their families, pursuing their additional education and

the education of their children, walking with animals. There is time for all this only at the end of the day, when they are exhausted, and all the daily routine becomes a burden. Thus, there is a need to rethink the concepts of "office" and "workplace" and develop new principles for creating a modern workspace.

Today, we need to create a model of intelligent office space that would be adapted to the needs and interests of a specific employee. Modern opportunities allow us to create such an environment. It is worth noting that positive trends in the development and change of a workspace can be traced in modern IT companies, but other industries also need the shift.

The design of offices in Russia often does not either correspond to modern concepts and trends or meet the needs of companies, which impedes the effective functioning of employees within these organizations.

This practice of organizing modern workspaces, focused on understanding the needs of employees, is common in companies whose activities are related to information technology, as for example, at the

headquarters of Google Cloud, which is in Sunnyvale, Silicon Valley, USA. The functional and planning principles of this office represent a space without conventional workplaces or a fixed work schedule. The office has different functional spaces: from order pick-up points to a meditation room. The workspace surrounding the employee contributes to his productive work.

Thus, the focus on the needs and requirements of employees seems to be the leading and defining principle of modern workspace design. Based on the results of the study, related to this principle, three variants of office environment models were proposed:

1. A module that can be implemented into any existing working environment. It has certain functionality that increases productivity and quality of life at work. This option is suitable for small, existing office spaces that need reorganization.

2. An adaptive object is a ready-to-use module that can adapt to the needs of office activities of employees of various companies. This model is designed taking into account

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the general needs of workers and has the ability to adapt to the individual characteristics for everyone.

3. A model of an office for a large company, designed

according to the company's requirements, taking into account the functional and planning principles of a modern office space design.