

ABSTRACT

Planning and design phase is one of the crucial step in a project's life cycle because it involves many aspects to consider. One of the more complex type of building is the shopping mall. Designing a mall involves many variables, such as the macro property market condition, the type of mall to be designed, the background of the developer, the region where the mall is constructed, and the size of the mall itself such as the floor area, number of storeys, et cetera. This research aims to determine which variable that affects the duration of mall design process through statistical analysis. The data used in this research is collected from project management records in an architectural firm.

Apart from overall analysis, the data is also divided into categories to determine the variables that affect each category. The categories are type of mall, macro property market condition, the scale of the developer, and the region. The data is then tabulated and analyzed using the multiple linear regression method. The analysis shows that the duration of mall design process is not affected by the variables covered in this research.

Keywords: mall, design duration