

## ABSTRACT

One thing before building a home living, we should make a cost plan. Each cost plan for building a home living is different, based on the design, size, and the materials. Therefore, it takes a long time to make the cost plan manually. To make someone easy, fast, and accurate in estimating the cost plan, expert system of the home living building cost plan was made. The calculating starts from preparing work to painting work, IMB retribution included too. In this Final Task, the system will be tested really and unreally. The real test is testing the system to know the accuracy by inputting real data, because there is real home building. The unreal test is testing the system to know user satisfaction by inputting unreal data, because there is no real home building.

**Keywords :** *home living building cost plan, real test, unreal test.*