



INFORMATICS  
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6COSC012C – Final Year Project Report

**Help at Home : Home Repairs and Maintenance with  
Time Series Analysis using ARIMA**

A dissertation by  
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## Abstract

In Sri Lanka and other Countries, there has been an increase in the need for handyman services, which may be ascribed to a number of causes such as local demand, market impact, owning second homes, income/rental units, commercial property upkeep, and people's lives. Getting busier and more frantic as more individuals seek assistance with odd chores around the house altering light fixtures or putting up bookcases in their house. However, rapid access to such information services has proven to be a difficult undertaking, particularly while traveling or moving in a new location. Area. This is due to the fact that service providers are located in various places and provide a variety of prices, quality, and service types.

The Agile approach was used in this study as the software technique for designing the application. Questionnaires and interviews were used to gather information. The data was analyzed with the help of Google analytic tools and the system requirements. The **Help at Home** app will let users find handyman services that are more relevant to their area. The app will also adapt to the rising need for on-demand handyman services. On the other hand, the professionals will also get benefit from the application. In addition, the professional will be able to predict the future order forecasting relevant to their desired months.

The solution is identified and assessed by domain professionals and non-stakeholders to establish the project's viability and the benefit it will offer.