ABSTRACT

UPTD BPTPH (PLANT PROTECTION CENTER FOOD AND HORTICULTURE) Lampung Province is one of the UPTD especially in the fields of Agriculture, which has the principal task of carrying out observation, forecasting, implementation, technical, Plant Pest Control Organization (OMO) as well as supervision and monitoring of the impact of pesticides and fertilizers in order strengthen the public availability of food reserves and diversification of food consumption and increase efficiency and productivity of food crops and horticulture. The initial step to determine the spread of the pest is by way of data collection.

The spread of the pest Rice of Web development in UPTD BPTPH Lampung is a step to facilitate the processing of data, so as to provide information dissemination Rice pest accurately for UPTD BPTPH. With the existence of this web development Rice pest district officers can do to input data without manual again and not have to come to the districts to submit reports on the spread of pests Rice as well as district officials do not need to recap reports from various districts manually again and not have to directly come to the province to submit reports on the spread of the pest Rice. Provincial officer was able to see the results of the report effectively and efficiently.

For software development methodology used is a prototype methodology to the stages of data collection, design, and evaluation. and depicted in the object-oriented modeling language or UML (Unified Model Language).

Based on the test results expected of this web deployment of Rice can help parts of technical services in UPTD BPTPH in terms of processing data, increasing the accuracy of the reports spread of the pest rice, and can do efficiently the time required in making the report.

Key words: web, data collection, the spread of pests Rice