URN etd-0407109-183701-19
Author Jung-Shan Chiu
Author's Email Address No Public.
Statistics This thesis had been viewed 63 times. Download 31 times.
Department
Year 2007
Semester 2
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title Using Neural Networks to Improve Cost Estimation of SOHO Software Projects
Date of Defense 0000-00-00
Page Count 77
Keyword
No Any Keyword Information.

Abstract
For decades, the research of software cost estimation is mainly for software companies or software organizations of enterprises, rarely for SOHO companies especially for software projects from outsourcing. For this reason, we collected real cases and related data and information from SOHO companies and web sites of programmer clubs, trying to understand the way and the environment they run the business and estimate the cost of software projects. And, we found that the way they estimate is quite simple, and usually the gap is huge between the initial estimate and the actual cost. In order to improve this situation, the main purpose of this research is to develop a model that can adjust the cost estimation to reduce the gap at any phases during software development. The approach is to construct the model with neural networks, based on the way typically used by SOHO. The result of our experiment shows that the model is feasible to improve cost estimation of software projects developed by SOHO.
Advisory Committee Ping-Wen Chen - advisor

Files etd-0407109-183701-19-001.pdf

indicate access worldwide
Date of Submission 2008-07-31