



**SDSU**  
presents  
a thesis defense for  
Master of Science  
degree in  
Computer Science

Monday,  
November 5, 2012  
  
3:00pm  
GMCS 405

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# Monica Maleyanda

## *Report Generator & Server Database*

### Abstract

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The thesis project was developed for Playdom Inc. (Disney Interactive Media Group). The project is an application tool and was intended to simplify the complex method of manual calculation and develop a tool which automatically generated reports of the server details instead. It also allows active user interaction so that any updates could be easily made by the authorized users. The tool creates and maintains a database that is a structured compilation of data from the various spreadsheets available, by using a CSV file which on submit would retrieve the data from the back end and insert it onto the UI page depending on the initiated query. The database is required to contain all of the data that is necessary to gauge the status of a given project/game at any given instant. The data available to view, add or update is defined according to the role of the user involved. There are customized tools available on the application to list contents of a particular table, add or delete values to name a few. The tool is currently live and is actively being used by the Studio Engineering team of Playdom Inc. at the Palo Alto site to maintain server details.

### Thesis Committee

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Carl Eckberg, Thesis Chair, Department of Computer Science  
William Root, Department of Computer Science  
Carmelo Interlando, Department of Mathematics & Statistics