

C
001-642
W3J

UNIVERSITY TIME TABLE SYSTEM

A PROJECT REPORT PRESENTED BY

W.M.S.K.V. WIJAYAKOON

to the Board of Study in Statistics and Computer Science of the
POSTGRADUATE INSTITUTE OF SCIENCE

*in partial fulfillment of the requirement
for the award of the degree of*

MASTER OF SCIENCE IN COMPUTER SCIENCE

of the

UNIVERSITY OF PERADENIYA

SRI LANKA

2005

603386

UNIVERSITY TIME TABLE SYSTEM

W.M.S.K.V. WIJAYAKOON

PGIS

University of Peradeniya

Peradeniya

Sri Lanka

Generating a time table for a university system is very difficult as many dependencies need to be considered. Doing amendments also is not easy. Notifying the Time table and the changes to the students is very inefficient with legacy systems.

The time table creator is a decision support system which allows user to decide the best combinations of subjects very easily and decide the final time table. The dependencies between subjects are stored in a database and loaded in to an array, when creating the time table.

The time table creator shows you the minimum number of slots needed in order to create a template and it suggests a basic arrangement of subjects. The user could do few adjustments if necessary and the time table is populated over a given period.