



Asian Institute of Technology
School of Engineering and Technology
Department of ICT

AT84.02: Business Intelligence and Analytics January 2021
COURSE PROJECT

Due: 29 April 2021

For a course project, you are to develop either Decision Support System AND/OR Business Intelligence System. There are several possible applications/ problem domains.

Some suggested areas:

- System related to business application/finance
- System related to healthcare
- System related to environmental management
- Etc.

Some examples are: DSS or BIS for determining credit card fraud, for stock price prediction, for retinal disease diagnosis, and for flood prevention.

DSS/BIS Development Project will include the following:

- Selection of appropriate models(s)/methods, analytics
- Data – should use Big Data, datasets available from companies/organizations, internet resources (eg. www.data.gov)
- Software --- *your choice*
- 3 (or 4) persons/project (at least 2 nationalities)

There are two deliverables:

- 1) a prototype of working system
- 2) a final project report

The final project report should at least include

- the focus/decision context of the system
- the goals/objectives of the system
- types of data, DW the system will require
- types of modeling, analytics the system will use
- the end users of the system
- the software for implementation
- Etc.