

Development of a DCC system app for generating and reading DCC in SNSU – BSN Indonesia

as part of the **PTB Project**

“Metrology for Digital Transformation – International Cooperation” – CABUREK Global Program

Working Group 2 : Digital Calibration Certificate

National Metrology Institute: SNSU-BSN

Coach : CENAM Mexico, INTI Argentina, PTB

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DCC DEVELOPMENT IN GENERAL

Can be accessed : **DICCA.bsn.go.id** (in future)

Using XML Schema from PTB

Have 2 Features : DCC generator & DCC importer

DCC Generator : enables creating DCC

Currently being developed for internal use only

DCC importer : reads a DCC and converts to XLSX

Planned to be opened to the public in the future

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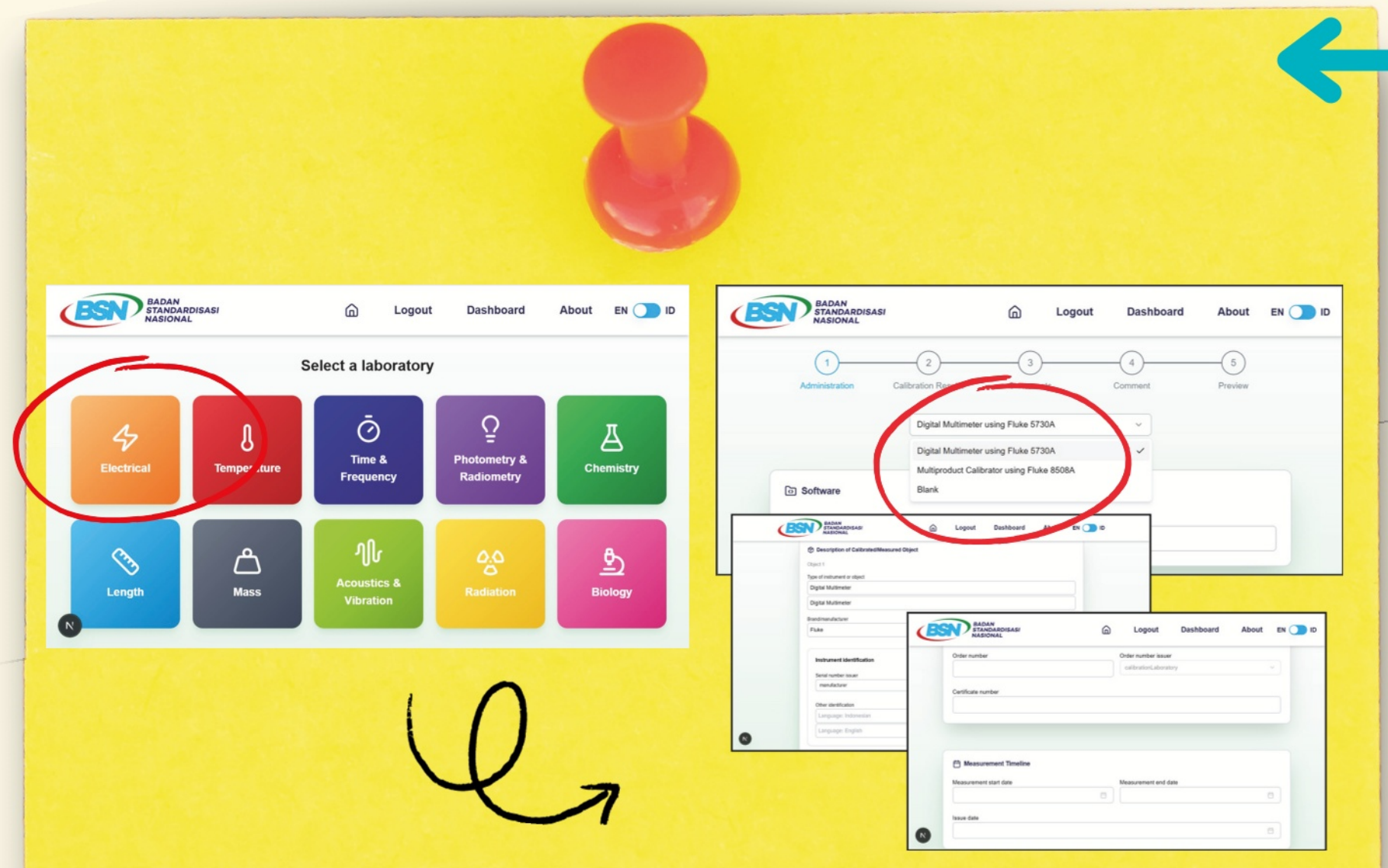
DCC GENERATOR

Currently developed only for **electrical quantities : V, I, R, L, C**

It can be used for :

- Single parameter, single value
- Single parameter, multiple values
- Multiple parameters, multiple values
- Images and formulas in LaTeX

3 templates are available (MFC, DMM, & blank)



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DCC IMPORTER

User can upload:

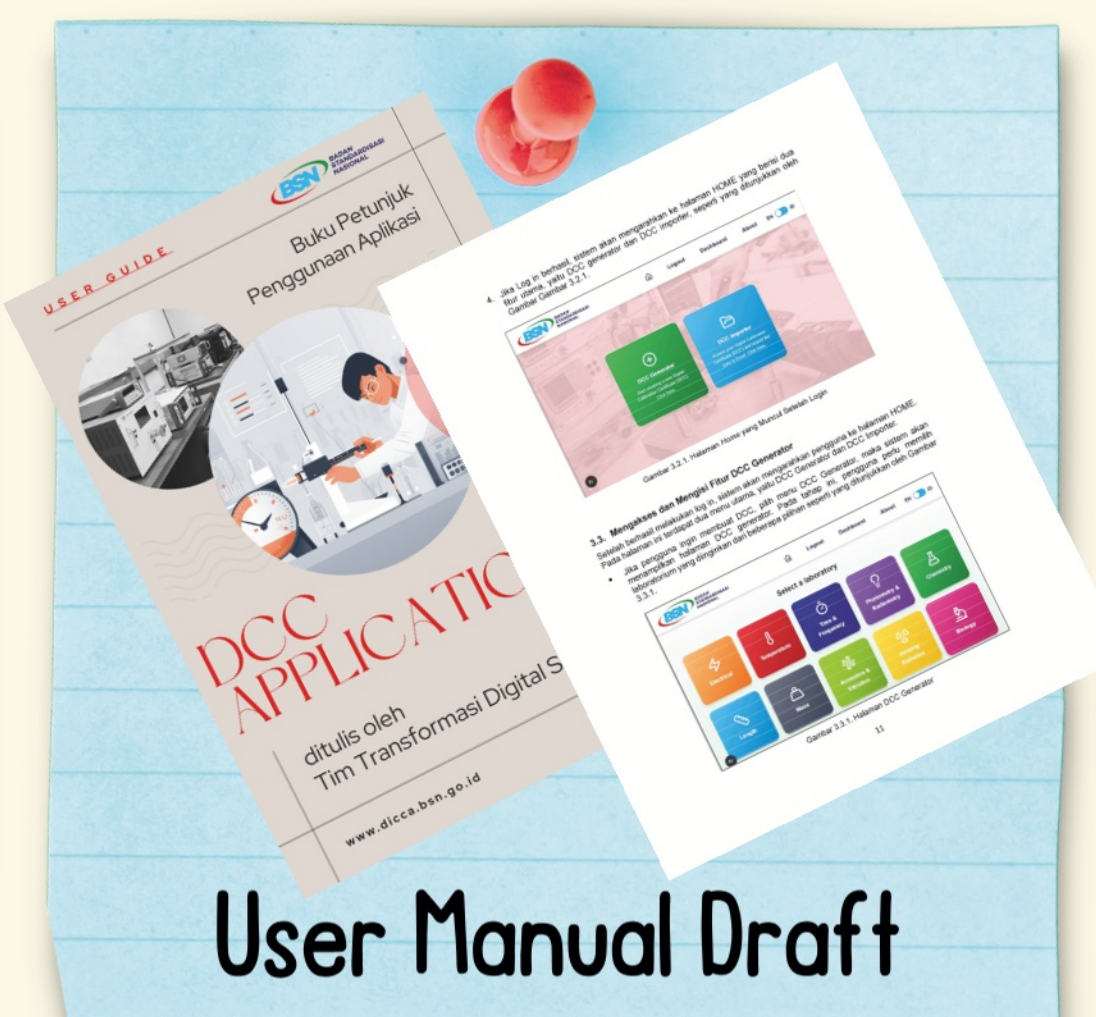
- PDF with attached XML
- XML file only

System converts **uploaded DCC to XLSX format**

MoU with University



User Manual Draft



TRAINING & DISCUSSION

