

Setup Instructions:

The application folder will contain 2 files by default which should not be modified by the user -

- 1)Application (executable)
- 2)Data.db (database file)

The third file required by the software to run is “input.csv” which will be generated by the intended user.

Steps to create “input.csv”

- 1) Get student course enrolment data from the AIMS portal and the slots of each course from the course Timetable.
- 2) Merge both data sets to create an excel file which looks like the one shown below:

[illegible]

- 3) Now do the following modifications to the slots of the 'Slot' column-

- a) remove the words TUT and LAB and any '(' or '-' around them

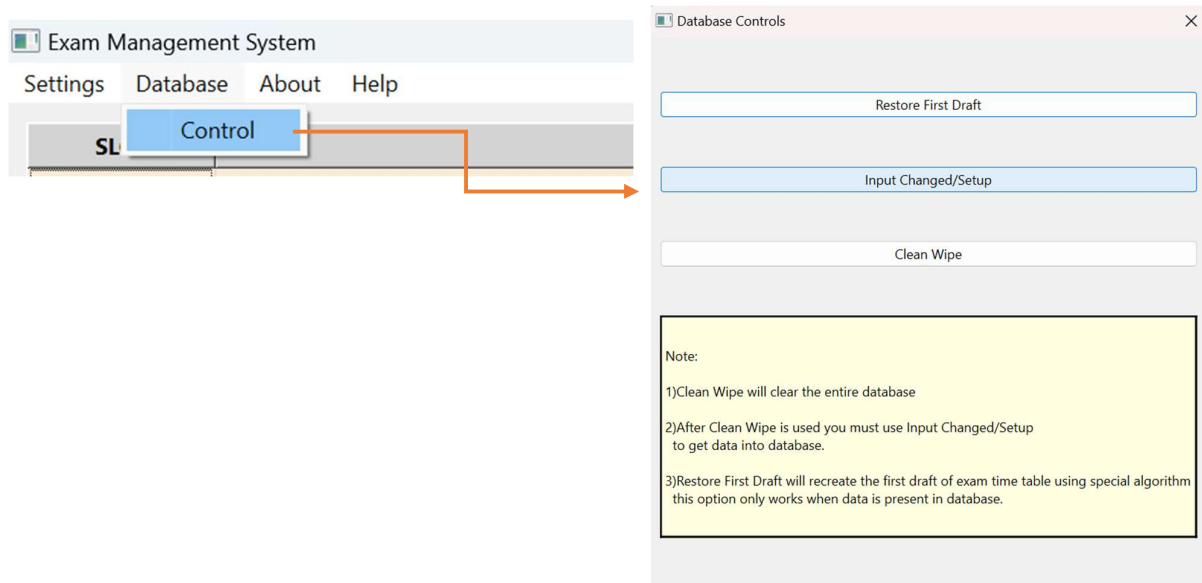
Note: Slots of each course should be defined in the following way -\n

- 'Alphabet' or
- 'AlphabetNumber' or
- 'AlphabetNumber1Number2' or
- 'AlphabetNumber,AlphabetNumber1Number2'

Example of possible slots =

- A
- B1
- A13
- A12,B13,C2

- 4) Save the excel file as UTF-8 comma delimited file in the application directory ,with the filename as 'input.csv'
- 5) Run the executable by simply double clicking it.
- 6) Go to Database (Top Left) > Control > click Input Changed/Setup



5) The Setup is complete and your application Main Window should look something like this:

Exam Management System									
Settings Database About Help									
SLOT	COURSES								TOTAL STUDENTS
11	BML101, CS502, CS559, CSL504, CSL559, CYL504, DS251, ME232, ME652, MEL655, MTL655, PH509, PHL509, CS254, EE204, MA509, PHL607, EEL622, MM554, MML554								700
12	CS550, CS621, CYL506, DSL501, ECL101, ME334, ME560, MEL651, MT251, TPL611, PHL611, TPL622, MA611, EE208, MAL502, ME352, EVL503, PH606, TP617, DSL601, EE604, MEL613, MTL602, PHL510, PH610, TPL615, MA504								617
13									0
21	IC152, CS253, CS607, CYL505, DS252, PH506, EEL101, TPL605, TPL635, TPL625, PH511, EEL603, PHL610, MAL405, EV639, PHP511, CS620, ME633								508
22	EE572, ME213, CS251, DS201, TPL616, CA100, MEP102, LA356, BML551, EEP522, EVL600, MAL501, MMP553, MEL633, PH512, PHL508								580
23									0
31	CS554								127
32	EE573, IC251, ME653								248
33	CS300, ME372, IC250								279
41	LA351, TP624								451
42									0
43	CS252, CS552, DS200, ME515, ME557, TP605, LAN103, TPL614, EEP523, MMP501, TPL601, MAL500								484
51	LA354, LA365								146
52	LA303, LA305								191

Possibility	1	2	3	4	5
EE353	EE352	EE251	DS510	CY506	
BMP582					

NA	Day	ab	bc	ac	abc
PH7899	1	464	0	0	0
PH7895	2	358	0	0	0
PH799	3	24	185	56	1
PH699	4	0	0	184	0
NCN102	5	23	19	13	0
NCN101	6	23	36	5	1
MT799					
MT799					
MT795					
MT599					
MMT799					
ME7899					
ME7895					
ME799					

Swap Slots	Swap Days	Optimize Linear	Optimize Reverse	Optimize Random	Faculty Check	Get Detailed Analysis	Export Schedule to Excel
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