welcome

login $\longrightarrow$ ensure account
username & password match.
admin users are hard-coded
& already created — no account
creation necessary.(to protect security
of project)

database management
admin has permissions to
update/insert/delete data into any
table

$\hookrightarrow$ add student
$\hookrightarrow$ delete student
$\hookrightarrow$ add article
$\hookrightarrow$ delete article
$\hookrightarrow$ update information

ensure student not already in db &
all attributes match db types

ensure student exists in db

all parameters
collected in
python-based
command line

ensure article info matches db types

ensure param passed
in for update is valid
& that value is valid

ensure article is in db