

DFD from Textual Description

(an example)

System description (mtg#1)

“Process university applications”

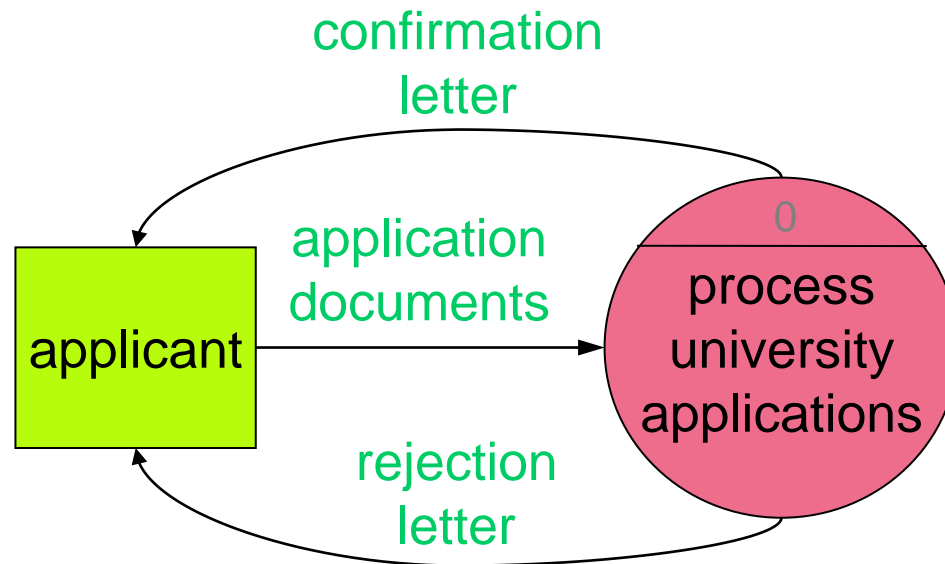
1

An applicant sends in application documents containing their personal details, their qualifications and their desired course. The university admissions office checks the application documents for legality and entry requirements.

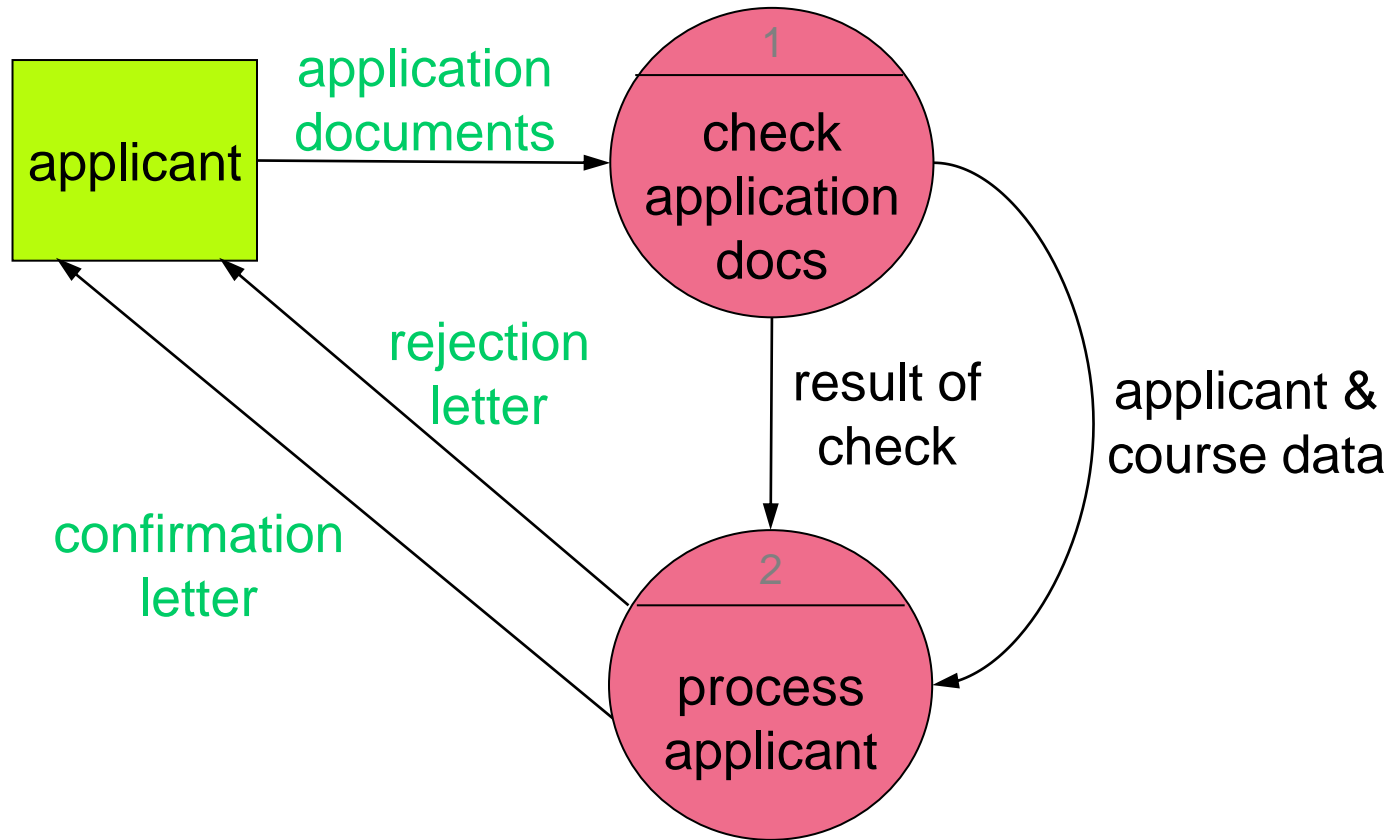
2

Each applicant is processed resulting in a confirmation letter or a rejection letter.

The Context (Level 0) DFD



A Possible Level 1 DFD



Additional data (mtg#2)

On the basis of the application documents, the admissions office will extract applicant and course details, ascertain whether all the requirements are satisfied and if so, ascertain whether all qualifications have supporting certification. Based on the presented documents, a result will be formulated.

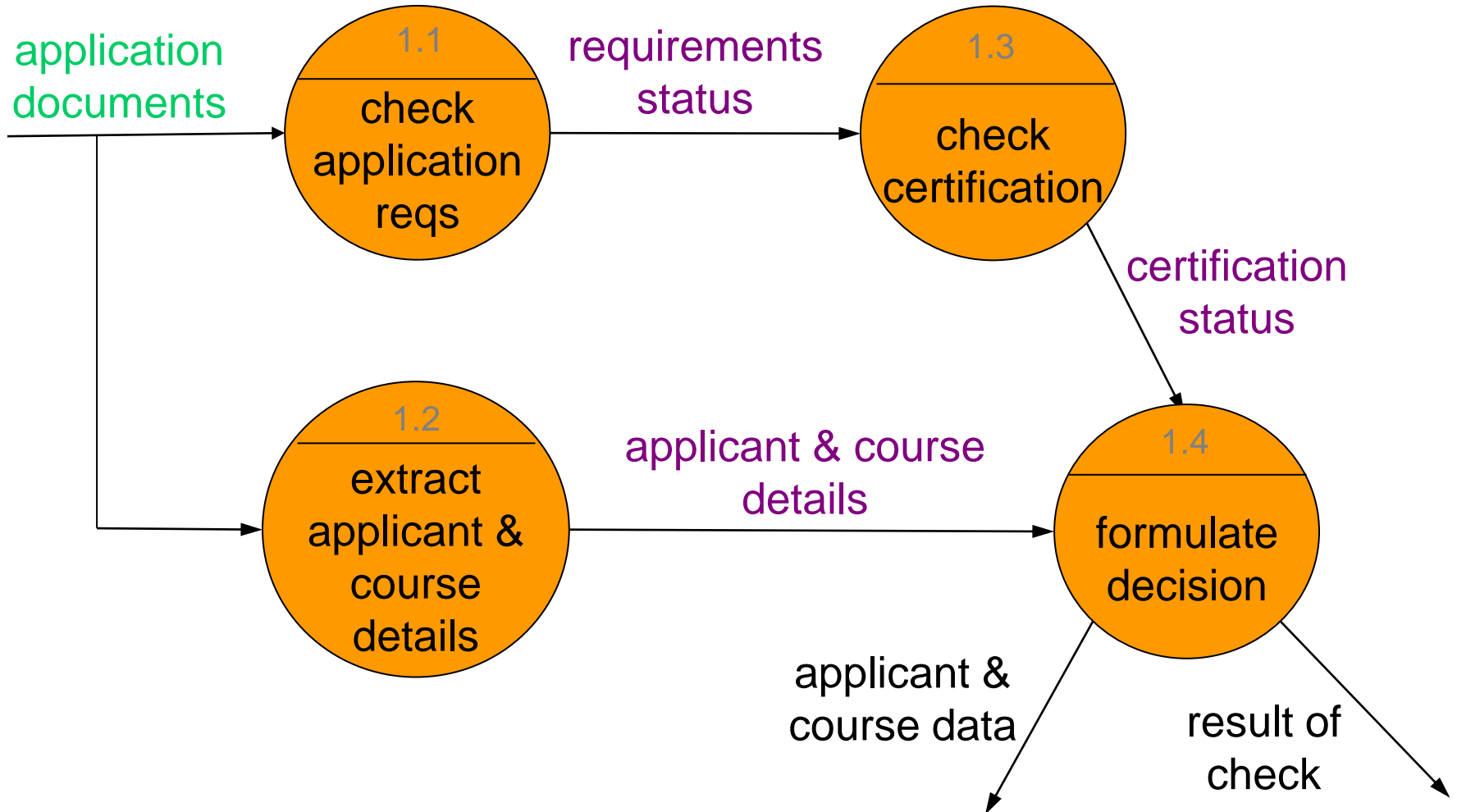
1.2

1.1

1.3

1.4

A Possible Level 2 DFD



Additional data (mtg#3)

On the basis of the **document check** and

2.1

the **application data**, **admissions staff will**

2.2

determine whether to either **register the**

applicant's details in the university-wide

2.3

database and **issue an appropriate**

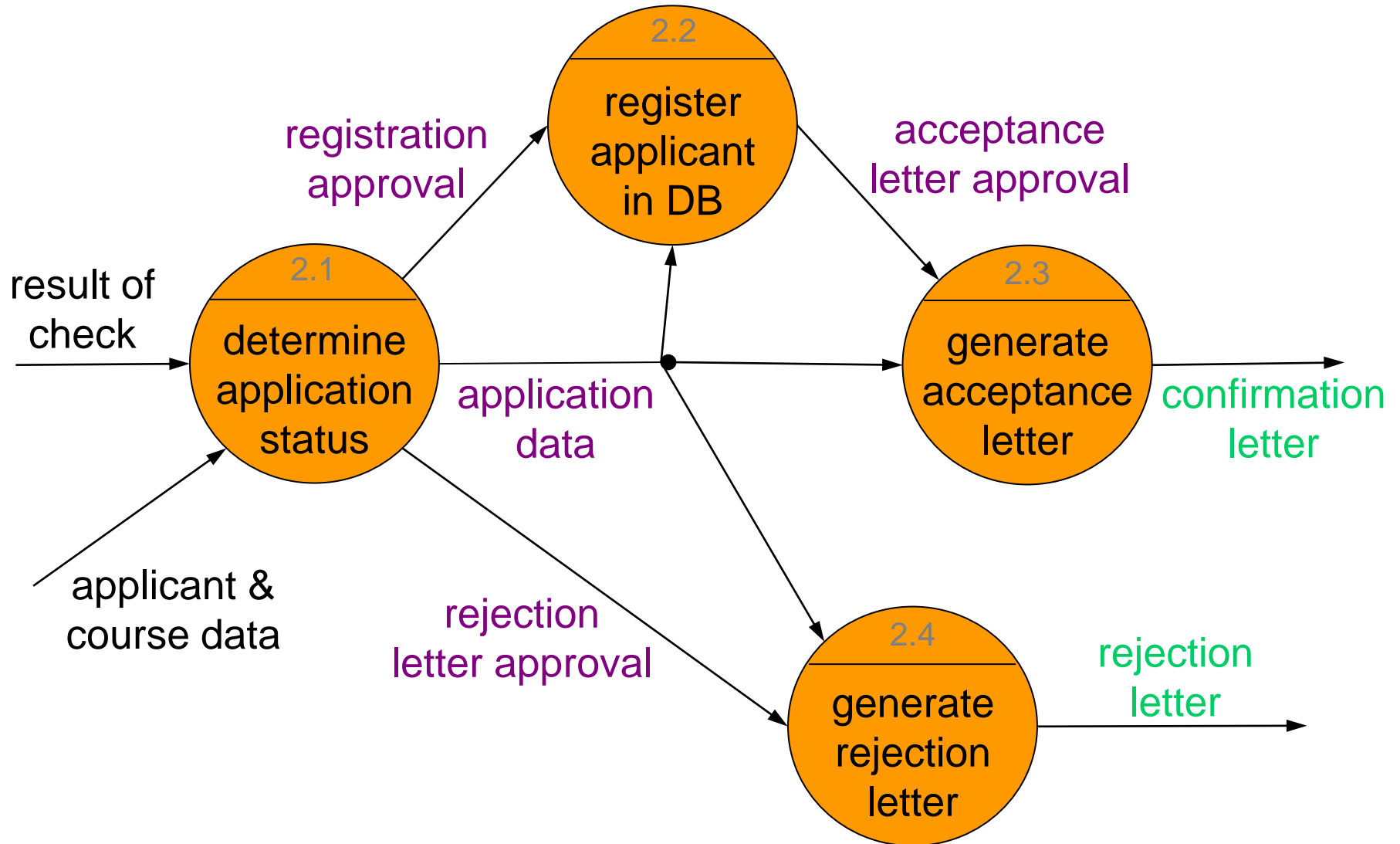
2.4

acceptance letter, or simply **issue an**

appropriate rejection letter, to the applicant

in question.

Another Possible Level 2 DFD

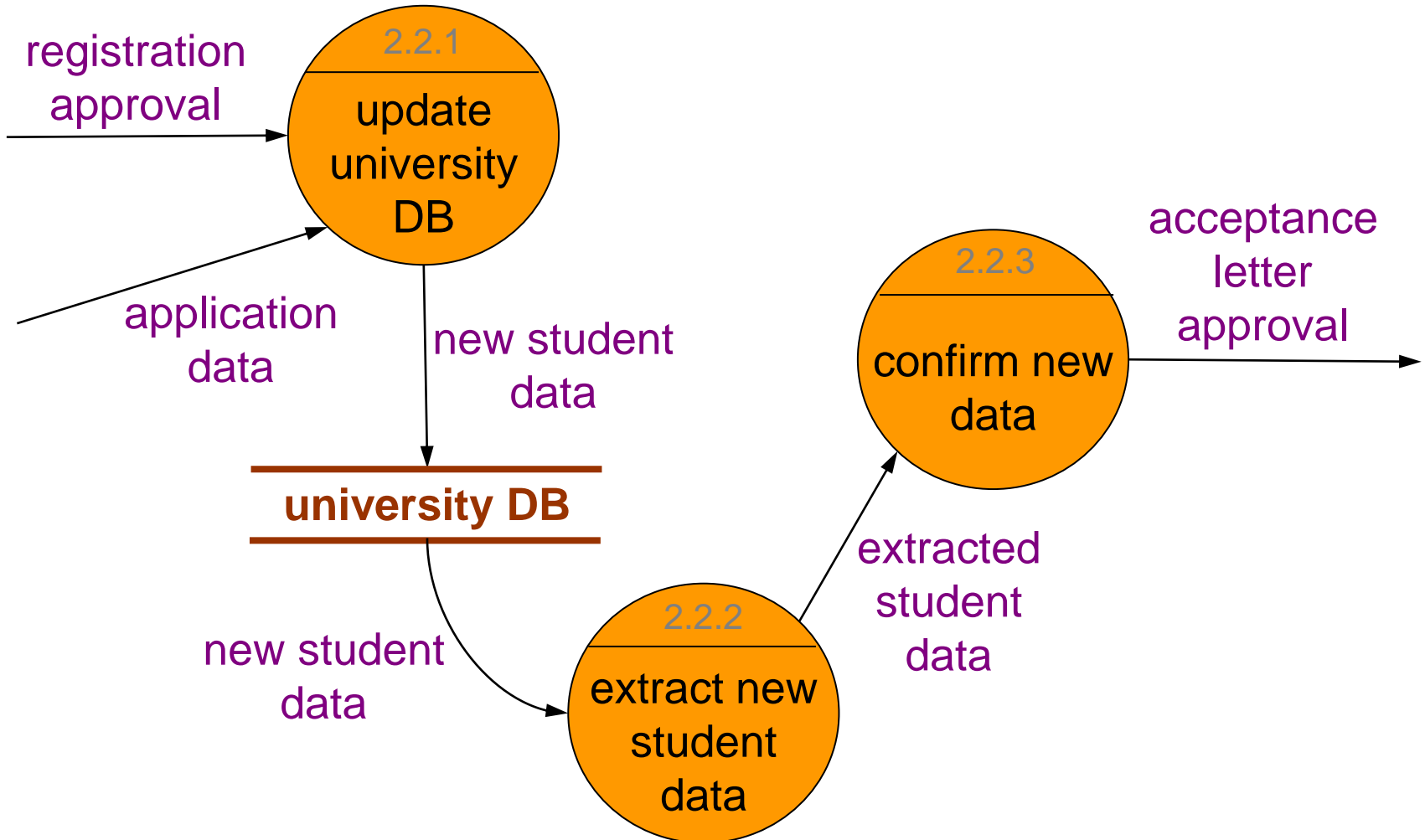


Additional data (mtg#4)

After approval, admissions staff should finalise the applicant's registration by

- 2.2.1 updating the university-wide database with the new student's registration details, and
- 2.2.2 then extracting and confirming the new
- 2.2.3 student's data from the same database.

Possible Level 3 DFD



End

We can stop at this point.
I think you got the idea.