**DATA FLOW DIAGRAM**

**DESKTOP PLATFORM**

**CONTEXT DIAGRAM**

Quarterly Grades

Teacher’s Info

School’s Data

Subject and Section

List of Students

Students’ grade/score

List of Students

Summary of Quarterly Grades

**Teacher**

**Teacher**

0

**K-12 MULTIPLATFORM GRADEBOOK APPLICATION**

**TOP LEVEL DIAGRAM**

8

7

6

5

4

3

2

1

Grades

Summary of Quarterly Grades

Quarterly Grades

Students’ Info

Subject and Section

School Year

Log-in info

School Year

School Year

Teacher’s Info

School’s Data

School’s Data

Teacher’s Info

Student’s Grade

**Add section & subject**

**Add list of students**

Section

School’s data

Teacher’s account

**View list of students**

**View grade sheets**

**Add school year**

**Log-in**

**Add school’s data**

**Register**

**Teacher**

D2

D3

D1

Students’ Info

D5

D4

Student’s info

**LOW LEVEL**

**Teacher**

6.2

**Select Subject**

6.3

**Select Section**

**Select School Year**

6.1

**6**

School Year

Subject

Section

**LOW LEVEL**

**7**

7.1

**Add student**

Student’s Info

Deleted Info

Student’s Info

updated Info

Students’ Info

Students’ Info

Students’ Info

Students’ Info

**Teacher**

7.3

7.2

Student’s info

**Delete student**

**Update student**

D5

**LOW LEVEL**

**Teacher**

Summary of Quarterly grade

Quarterly grade

Updated Grade/ score

Grade/ score

Summary of quarterly grade

Grade/ score

Quarterly grade

Grade/ score

Grade/ score

Quarter

**7.3**

Student’s Grade

7.3.6

7.3.5

7.3.2

7.3.4

7.3.3

7.3.1

**Select Summary of quarterly grade**

**Print**

**Print**

**Update grade/score**

**Enter grade/score**

**Select Quarter**

D4

**DATA FLOW DIAGRAM**

**TOP LEVEL – MOBILE PLATFORM**

Rank Filter (Ascending or Descending

Ascending or Descending Order of Rank

**Filter Final Grade**

**Teacher**

D4

Student’s Grade

**Teacher**

**Filter Quarterly Grade**

5

4

**Filter Quarter Assessment**

**Filter performance task**

3

2

**Filter Written Works**

1

**Filter Rank**

Lowest-Highest or Highest-Lowest Order

Lowest-Highest or Highest-Lowest Order

Lowest-Highest or Highest-Lowest Order

Lowest-Highest or Highest-Lowest Order

Final Grade

Quarterly Grade

Quarter Assesment

Performance Task

Written Works

Rank

FG Type (Lowest-Highest or Highest-Lowest)

QG Type (Lowest-Highest or Highest-Lowest)

QA Filter (Lowest-Highest or Highest-Lowest)

PT Filter (Lowest-Highest or Highest-Lowest)

WW Filter (Lowest-Highest or Highest-Lowest

Lowest-Highest or Highest-Lowest Order