# Artefact 3:

## Release 1:

### AcceptStudentsRouting.js

#### Get Student Lesson Requests for a specific teacher

"SELECT l.id as requestid, s.first\_name as firstname, s.last\_name as lastname, "

+"TO\_CHAR(s.dob,'YYYY-MM-DD') as dob, it.name as instrument, se.grade as grade "

+"FROM music\_school.lessons l, music\_school.students s, "

+"music\_school.instrument\_types it, music\_school.student\_experience se "

+"WHERE l.student\_id = s.id AND l.inst\_type\_id = it.id "

+"AND (l.teacher\_id = "+teacherID+" OR l.teacher\_id IS NULL) "

+"AND (l.request\_status\_id IS NULL OR l.request\_status\_id = 1) "

+"AND l.id NOT IN (SELECT lesson\_id FROM music\_school.lesson\_rejections WHERE teacher\_id="+teacherID+") "

+"AND s.id = se.student\_id AND se.inst\_type\_id = l.inst\_type\_id;";

#### Get an individual Student Lesson Request

"SELECT l.id as requestid, s.first\_name as firstname, s.last\_name as lastname, "

+"TO\_CHAR(s.dob,'YYYY-MM-DD') as dob, it.name as instrument, se.grade as grade, "

+"l.lesson\_start\_time as starttime, l.lesson\_end\_time as endtime, l.lesson\_year as year, "

+"l.lesson\_term as term, l.lesson\_fee as fee, l.lesson\_notes as notes, l.teacher\_id as teacher "

+"FROM music\_school.lessons l, music\_school.students s, "

+"music\_school.instrument\_types it, music\_school.student\_experience se "

+"WHERE l.student\_id = s.id AND l.inst\_type\_id = it.id AND l.id = "+requestID

+"AND s.id = se.student\_id AND se.inst\_type\_id = l.inst\_type\_id";

#### Accept Student Lesson Request

"UPDATE music\_school.lessons SET request\_status\_id = 2, accept\_date = NOW(), teacher\_id ="+teacherID+" WHERE id = "+requestID+";"

#### Reject Student Lesson Request

"UPDATE music\_school.lessons SET request\_status\_id = 3 WHERE teacher\_id ="+teacherID+" AND id = "+requestID+";"+" INSERT INTO music\_school.lesson\_rejections(lesson\_id, teacher\_id) VALUES ("+requestID+", "+teacherID+");";

### InstrumentHireRequestsRouting,js

#### Get All Instrument Hire Requests

"SELECT ih.id as hireid, "

+"s.first\_name as firstname, "

+"s.last\_name as lastname, "

+"it.name as instrumenttype, "

+"i.model as instrumentname, "

+"TO\_CHAR(ih.hire\_date,'YYYY-MM-DD') as hiredate "

+"FROM music\_school.instrument\_hire ih, "

+"music\_school.students s, "

+"music\_school.instrument\_types it, "

+"music\_school.instruments i "

+"WHERE ih.student\_id = s.id "

+"AND ih.instrument\_id = i.id "

+"AND i.inst\_type\_id = it.id "

+"AND NOT ih.is\_returned "

+"AND ih.hire\_status\_id = 1",

Get Individual Instrument Hire Request

"SELECT ih.id as hireid, "

+"s.first\_name as firstname, "

+"s.last\_name as lastname, "

+"s.phone\_no as phone, "

+"s.email as email, "

+"TO\_CHAR(ih.hire\_date,'YYYY-MM-DD') as hiredate, "

+"it.name as instrumenttype, "

+"i.model as instrumentname, "

+"TO\_CHAR(ih.due\_date,'YYYY-MM-DD') as duedate, "

+"i.serial\_no as serialnumber, "

+"c.condition as condition, "

+"TO\_CHAR(i.purchase\_date,'YYYY-MM-DD') as purchasedate, "

+"i.purchase\_price as purchaseprice, "

+"i.hire\_fee as hirefee "

+"FROM music\_school.instrument\_hire ih, "

+"music\_school.students s, "

+"music\_school.instrument\_types it, "

+"music\_school.instruments i, "

+"music\_school.conditions c "

+"WHERE ih.student\_id = s.id "

+"AND ih.instrument\_id = i.id "

+"AND i.condition\_id = c.id "

+"AND i.inst\_type\_id = it.id "

+"AND ih.id = requestID "

+"AND NOT ih.is\_returned "

+"AND ih.hire\_status\_id = 1",

#### Accept Instrument Hire Request

text:"UPDATE music\_school.instrument\_hire "

+"SET hire\_status\_id = $1 "

+"WHERE id = $2 "

+"RETURNING student\_id",

name: "accept-instrument-request",

values: [

2

, hireID

]

#### Reject Instrument Hire Request

text:"UPDATE music\_school.instrument\_hire "

+"SET hire\_status\_id = $1 "

+"WHERE id = $2 "

+"RETURNING student\_id",

name: "accept-instrument-request",

values: [

3

, hireID

]

### BorrowedInstrumentInfoRouting.js

#### Get Borrowed Instrument List

text: "SELECT ih.is\_returned as returned, "

+"ih.id as hireid, "

+"ih.hire\_status\_id as statusid, "

+"hs.status as status, "

+"i.hire\_fee as hirefee, "

+"c.condition as condition, "

+"i.serial\_no as serialnumber, "

+"i.inst\_notes as notes, "

+"it.name as instrumenttype, "

+"i.model as instrumentname, "

+"TO\_CHAR(ih.due\_date,'YYYY-MM-DD') as duedate "

+"FROM music\_school.instrument\_hire ih, "

+"music\_school.students s, "

+"music\_school.request\_status hs, "

+"music\_school.instrument\_types it, "

+"music\_school.instruments i, "

+"music\_school.conditions c "

+"WHERE ih.student\_id = s.id "

+"AND ih.instrument\_id = i.id "

+"AND i.inst\_type\_id = it.id "

+"AND i.condition\_id = c.id "

+"AND ih.student\_id = $1 "

+"AND ih.hire\_status\_id IN (1,2,3,6) "

+"AND hs.id = ih.hire\_status\_id;",

name: "get-borrowed-instrument-list",

values: [

studentID

]

## Release 2:

### GenerateReportsRouting.js

#### Get Report Names and Details

"SELECT id, name, display\_name as displayname FROM music\_school.reports"

Get Individual Report Data

case 'instrument-summary-report':

query.text = 'SELECT '

+'('

+'SELECT count(\*) '

+'FROM music\_school.instrument\_hire '

+'WHERE hire\_status\_id IN (2,6)'

+') AS instrumenthires, '

+'('

+'SELECT count(\*) '

+'FROM music\_school.instrument\_hire '

+'WHERE hire\_status\_id IN (1,2,6)'

+') AS hirerequests, '

+'('

+'SELECT count(\*) '

+'FROM music\_school.instrument\_hire '

+'WHERE hire\_status\_id IN (3)'

+') AS rejectedrequests, '

+'('

+'SELECT it.name '

+'FROM music\_school.instrument\_hire ih '

+'LEFT JOIN music\_school.instruments i '

+'ON i.id = ih.instrument\_id '

+'LEFT JOIN music\_school.instrument\_types it '

+'ON it.id = i.id '

+'WHERE ih.hire\_status\_id IN (2, 6) '

+'GROUP BY it.name '

+'ORDER BY count(\*) DESC '

+'LIMIT 1 '

+') AS mostpopular, '

+'('

+'SELECT it.name '

+'FROM music\_school.instrument\_hire ih '

+'LEFT JOIN music\_school.instruments i '

+'ON i.id = ih.instrument\_id '

+'LEFT JOIN music\_school.instrument\_types it '

+'ON it.id = i.id '

+'WHERE ih.hire\_status\_id IN (2, 6) '

+'GROUP BY it.name '

+'ORDER BY count(\*) ASC '

+'LIMIT 1 '

+') AS leastpopular, '

+'('

+'SELECT \'$\'||sum(i.hire\_fee) '

+'FROM music\_school.instrument\_hire ih '

+'LEFT JOIN music\_school.instruments i '

+'ON i.id = ih.instrument\_id '

+'WHERE ih.hire\_status\_id IN (2, 6) '

+') AS totalincome '

+'FROM music\_school.instrument\_hire';

break;

case 'lesson-summary-report':

query.text = 'SELECT '

+'('

+'SELECT count(\*) '

+'FROM music\_school.lessons '

+'WHERE request\_status\_id IN (2,7)'

+') AS booked, '

+'('

+'SELECT count(\*) '

+'FROM music\_school.cancelled\_lessons '

+') AS cancelled, '

+'('

+'SELECT count(\*) '

+'FROM music\_school.lessons '

+'WHERE request\_status\_id IN (3) '

+'AND teacher\_id IS NOT NULL'

+') AS specificrejected, '

+'('

+'SELECT count(\*) '

+'FROM music\_school.lessons '

+'WHERE request\_status\_id IN (3) '

+'AND teacher\_id IS NULL'

+') AS allrejected, '

+'('

+'SELECT it.name '

+'FROM music\_school.lessons l '

+'LEFT JOIN music\_school.instrument\_types it '

+'ON it.id = l.inst\_type\_id '

+'WHERE l.request\_status\_id IN (2, 6) '

+'GROUP BY it.name '

+'ORDER BY count(\*) DESC '

+'LIMIT 1 '

+') AS popularinstrument, '

+'('

+'SELECT lesson\_day '

+'FROM music\_school.lessons '

+'WHERE request\_status\_id IN (2, 6) '

+'GROUP BY lesson\_day '

+'ORDER BY count(\*) DESC '

+'LIMIT 1 '

+') AS popularday, '

+'('

+'SELECT round(avg(accept\_date::date - request\_date::date),2) '

+'FROM music\_school.lessons '

+'WHERE accept\_date IS NOT NULL '

+') AS averagedays '

+'FROM music\_school.lessons';

break;  
ReturnInstrumentsRouting.js

#### Get All Instrument Hires that are active

text:"SELECT ih.id as hireid, "

+"s.first\_name as firstname, "

+"s.last\_name as lastname, "

+"it.name as instrumenttype, "

+"i.model as instrumentname, "

+"TO\_CHAR(ih.due\_date,'YYYY-MM-DD') as duedate "

+"FROM music\_school.instrument\_hire ih, "

+"music\_school.students s, "

+"music\_school.instrument\_types it, "

+"music\_school.instruments i "

+"WHERE ih.student\_id = s.id "

+"AND ih.instrument\_id = i.id "

+"AND i.inst\_type\_id = it.id "

+"AND NOT ih.is\_returned "

+"AND ih.hire\_status\_id = $1",

name: 'get-all-instrument-hires',

values: [

2

]

#### Get Individual Instrument Hire

text:"SELECT ih.id as hireid, "

+"s.first\_name as firstname, "

+"s.last\_name as lastname, "

+"s.phone\_no as phone, "

+"s.email as email, "

+"TO\_CHAR(ih.hire\_date,'YYYY-MM-DD') as hiredate, "

+"it.name as instrumenttype, "

+"i.model as instrumentname, "

+"TO\_CHAR(ih.due\_date,'YYYY-MM-DD') as duedate, "

+"i.serial\_no as serialnumber, "

+"c.condition as condition, "

+"TO\_CHAR(i.purchase\_date,'YYYY-MM-DD') as purchasedate, "

+"i.purchase\_price as purchaseprice, "

+"i.hire\_fee as hirefee "

+"FROM music\_school.instrument\_hire ih, "

+"music\_school.students s, "

+"music\_school.instrument\_types it, "

+"music\_school.instruments i, "

+"music\_school.conditions c "

+"WHERE ih.student\_id = s.id "

+"AND ih.instrument\_id = i.id "

+"AND i.condition\_id = c.id "

+"AND i.inst\_type\_id = it.id "

+"AND ih.id = $1 "

+"AND NOT ih.is\_returned "

+"AND ih.hire\_status\_id = $2",

name: 'get-specific-instrument-hire',

values: [

hireID

, 2

]

#### Mark Instrument Hire as Returned

text:"UPDATE music\_school.instrument\_hire "

+"SET return\_date = NOW(), "

+"hire\_status\_id = $1, "

+"is\_returned = $2 "

+"WHERE id = $3 "

+"RETURNING student\_id",

name: 'mark-instrument-returned',

values: [

6

, true

, hireID

]

#### Get Student Who Hired Instrument’s Details

text:"SELECT s.first\_name as firstname, "

+"s.last\_name as lastname, "

+"s.email as email, "

+"i.model as model, "

+"i.serial\_no as serialnumber, "

+"it.name as type "

+"FROM music\_school.students s, "

+"music\_school.instrument\_hire ih, "

+"music\_school.instruments i, "

+"music\_school.instrument\_types it "

+"WHERE s.id = ih.student\_id "

+"AND ih.instrument\_id = i.id "

+"AND it.id = i.inst\_type\_id "

+"AND s.id = $1"

+"AND ih.id = $2",

name: 'get-student-email-and-request',

values: [

studentId

, hireID

]

### DeactivateTeachersRouting.js

#### Deactivate a Teacher Account

"UPDATE music\_school.teachers SET date\_terminated = NOW(), is\_terminated = TRUE WHERE id = "+teacherID+"; "

+"UPDATE music\_school.lessons SET accept\_date = NULL, request\_status\_id = 1, teacher\_id = NULL WHERE teacher\_id = "+teacherID+" AND request\_status\_id = 2; "

+"INSERT INTO music\_school.lesson\_rejections(lesson\_id, teacher\_id) SELECT id, teacher\_id FROM music\_school.lessons WHERE teacher\_id = "+teacherID+" AND request\_status\_id=1; "

+"UPDATE music\_school.lessons SET request\_status\_id = 3 WHERE teacher\_id = "+teacherID+" AND request\_status\_id = 1; ";

#### Reactivate a Teacher Account

text: "UPDATE music\_school.teachers SET date\_terminated = NULL, is\_terminated = FALSE WHERE id = $1",

name: "reactivate-deactivated-teacher",

values: [

teacherID

]

#### Get Individual Teacher Account

"SELECT id, first\_name as firstname, last\_name as lastname, TO\_CHAR(dob,'YYYY-MM-DD') as dob, email as email, "

+"address as address, phone\_no as phone, TO\_CHAR(date\_employed,'YYYY-MM-DD') as dateemployed, is\_terminated as deactived "

+"FROM music\_school.teachers WHERE id="+teacherID+";";

#### Get All Teacher Accounts

text: "SELECT id, first\_name as firstname, last\_name as lastname, TO\_CHAR(dob,'YYYY-MM-DD') as dob, email as email, "

+"address as address, phone\_no as phone, TO\_CHAR(date\_employed,'YYYY-MM-DD') as dateemployed "

+"FROM music\_school.teachers WHERE is\_terminated = FALSE ORDER BY first\_name ASC",

name: "get-active-teachers",

values: []

#### Get All Deactivated Teacher Accounts

text: "SELECT id, first\_name as firstname, last\_name as lastname, TO\_CHAR(dob,'YYYY-MM-DD') as dob, email as email, "

+"address as address, phone\_no as phone, TO\_CHAR(date\_employed,'YYYY-MM-DD') as dateemployed "

+"FROM music\_school.teachers WHERE is\_terminated = TRUE ORDER BY first\_name ASC",

name: "get-deactivated-teachers",

values: []

### TeacherApplicationRouting.js

#### Teacher Apply

var teacherApplicantsCols = "first\_name, last\_name, dob, gender ,phone\_no, email, cover\_letter, date\_applied, status\_id, is\_shortlisted, is\_approved, hours";

var newTeacherApplicantQuery = {

text: "INSERT INTO music\_school.teacher\_applicants("+teacherApplicantsCols+") VALUES("

+"$1,$2"

+",to\_date($3, 'DD MM YYYY'), $4"

+",$5,$6,$7,now(),"

+"1,FALSE,FALSE,$8"

+")",

name: "create-new-teacher-applicant",

values: [

teacherApplication.firstName

, teacherApplication.lastName

, teacherApplication.birthday

, teacherApplication.gender

, teacherApplication.phoneNumber

, teacherApplication.email

, teacherApplication.coverLetter

, teacherApplication.hours

]

};

var referencesColumns = "teacher\_applicant\_id, name, phone\_number";

var referencesText = "INSERT INTO music\_school.teacher\_applicant\_references("+referencesColumns+") VALUES";

var referencesValues = [];

var counter = 1;

// reference 1

var referencesInsert = '';

referencesInsert += "((SELECT MAX(ID) FROM music\_school.teacher\_applicants), $"+ counter++ +", $"+ counter++ +")";

referencesValues.push(teacherApplication.reference1name);

referencesValues.push(teacherApplication.reference1number);

referencesText += referencesInsert;

// reference 2

if (teacherApplication.reference2name != '' && teacherApplication.reference2number != '') {

referencesInsert = ',';

referencesInsert += "((SELECT MAX(ID) FROM music\_school.teacher\_applicants), $"+ counter++ +", $"+ counter++ +")";

referencesValues.push(teacherApplication.reference2name);

referencesValues.push(teacherApplication.reference2number);

referencesText += referencesInsert;

}

// reference 3

if (teacherApplication.reference3name != '' && teacherApplication.reference3number != '') {

referencesInsert = ',';

referencesInsert += "((SELECT MAX(ID) FROM music\_school.teacher\_applicants), $"+ counter++ +", $"+ counter++ +")";

referencesValues.push(teacherApplication.reference3name);

referencesValues.push(teacherApplication.reference3number);

referencesText += referencesInsert;

}

var experienceColumns = "teacher\_applicant\_id, instrument, grade";

var experienceText = "INSERT INTO music\_school.teacher\_applicant\_experience("+experienceColumns+") VALUES";

var experienceValues = [];

var counter = 1;

var instrumentInsert;

for(var i = 0; i < instrumentDetails.length; i+=2) {

instrumentInsert = '';

if(i != 0) {

instrumentInsert += ',';

}

instrumentInsert += "((SELECT MAX(ID) FROM music\_school.teacher\_applicants), $"+ counter++ +", $"+ counter++ +")";

experienceValues.push(instrumentDetails[i]);

experienceValues.push(instrumentDetails[i+1]);

experienceText += instrumentInsert;

}

var languageColumns = "applicant\_id, language\_id";

var languageText = "INSERT INTO music\_school.teacher\_applicant\_languages("+languageColumns+") VALUES";

var languageValues = [];

var counter = 1;

for(var i = 0; i < teacherApplication.languages.length; i++) {

var languageInsert = '';

if(i != 0) {

languageInsert += ',';

}

languageInsert += "((SELECT MAX(ID) FROM music\_school.teacher\_applicants), $"+ counter++ +")";

languageValues.push(teacherApplication.languages[i]);

languageText += languageInsert;

}

#### Get Languages

"SELECT id, language as name FROM music\_school.languages;"

### ViewTeacherApplicationsRouting.js

#### Get Teacher Applications

"SELECT is\_shortlisted as shortlisted, status\_id as status, ta.id, first\_name as firstname, last\_name as lastname, hours, "

+"TO\_CHAR(dob,'YYYY-MM-DD') as dob, date\_applied as dateapplied, "

+"array\_to\_string(array\_agg(DISTINCT instrument), ', ') as instruments, "

+"array\_to\_string(array\_agg(DISTINCT l.language), ', ') as languages "

+"FROM music\_school.teacher\_applicants ta "

+"INNER JOIN music\_school.teacher\_applicant\_experience tae ON ta.id = tae.teacher\_applicant\_id "

+"INNER JOIN music\_school.teacher\_applicant\_languages tal ON ta.id = tal.applicant\_id "

+"INNER JOIN music\_school.languages l ON tal.language\_id = l.id "

+"WHERE status\_id = 1 "

+"GROUP BY ta.id "

+"ORDER BY date\_applied DESC";

#### Get All Teacher Applications (including rejected)

"SELECT is\_shortlisted as shortlisted, status\_id as status, ta.id, first\_name as firstname, last\_name as lastname, hours, "

+"TO\_CHAR(dob,'YYYY-MM-DD') as dob, date\_applied as dateapplied, "

+"array\_to\_string(array\_agg(DISTINCT instrument), ', ') as instruments, "

+"array\_to\_string(array\_agg(DISTINCT l.language), ', ') as languages "

+"FROM music\_school.teacher\_applicants ta "

+"INNER JOIN music\_school.teacher\_applicant\_experience tae ON ta.id = tae.teacher\_applicant\_id "

+"INNER JOIN music\_school.teacher\_applicant\_languages tal ON ta.id = tal.applicant\_id "

+"INNER JOIN music\_school.languages l ON tal.language\_id = l.id "

+"WHERE status\_id IN (1,3) "

+"GROUP BY ta.id "

+"ORDER BY date\_applied DESC";

#### Get Shortlisted Teacher Applications

"SELECT is\_shortlisted as shortlisted, status\_id as status, ta.id, first\_name as firstname, last\_name as lastname, hours, "

+"TO\_CHAR(dob,'YYYY-MM-DD') as dob, date\_applied as dateapplied, "

+"array\_to\_string(array\_agg(DISTINCT instrument), ', ') as instruments, "

+"array\_to\_string(array\_agg(DISTINCT l.language), ', ') as languages "

+"FROM music\_school.teacher\_applicants ta "

+"INNER JOIN music\_school.teacher\_applicant\_experience tae ON ta.id = tae.teacher\_applicant\_id "

+"INNER JOIN music\_school.teacher\_applicant\_languages tal ON ta.id = tal.applicant\_id "

+"INNER JOIN music\_school.languages l ON tal.language\_id = l.id "

+"WHERE status\_id = 1 AND is\_shortlisted = TRUE "

+"GROUP BY ta.id "

+"ORDER BY date\_applied DESC";

#### Get Individual Teacher Application

var getQuery = {

text: "SELECT is\_shortlisted as shortlisted, status\_id as status, id, first\_name as firstname, last\_name as lastname, email, cover\_letter as coverletter, phone\_no as phone "

+",TO\_CHAR(dob,'YYYY-MM-DD') as dob "

+"FROM music\_school.teacher\_applicants "

+"WHERE id = $1",

name: "get-individual-teacher-application",

values: [

teacherApplicationID

]

}

var languagesQuery = {

text: "SELECT language\_id as id, language as name "

+"FROM music\_school.teacher\_applicant\_languages tal LEFT JOIN music\_school.languages l ON tal.language\_id = l.id "

+"WHERE applicant\_id = $1",

name: "get-teacher-applicant-languages",

values: [

teacherApplicationID

]

}

var referencesQuery = {

text: "SELECT name, phone\_number as phone "

+"FROM music\_school.teacher\_applicant\_references "

+"WHERE teacher\_applicant\_id = $1",

name: "get-teacher-applicant-references",

values: [

teacherApplicationID

]

}

var instrumentsQuery = {

text: "SELECT instrument, grade "

+"FROM music\_school.teacher\_applicant\_experience "

+"WHERE teacher\_applicant\_id = $1",

name: "get-teacher-applicant-instruments",

values: [

teacherApplicationID

]

}

#### Shortlist Teacher Application

text: "UPDATE music\_school.teacher\_applicants SET is\_shortlisted = TRUE, status\_id = $1 WHERE id = $2",

name: "shortlist-application-query",

values: [

1

,applicationID

]

#### Reject Teacher Application

text: "UPDATE music\_school.teacher\_applicants SET status\_id = $1, is\_shortlisted = FALSE WHERE id = $2",

name: "reject-application-query",

values: [

3

,applicationID

]

### ViewInstrumentsRouting.js

#### Get Individual Instrument

text: "SELECT "

+"i.id, "

+"i.serial\_no, "

+"it.name as inst\_type, "

+"TO\_CHAR(i.purchase\_date,'DD/MM/YYYY') as purchase\_date, "

+"i.condition\_id, "

+"i.purchase\_price, "

+"i.model, "

+"i.inst\_notes, "

+"i.hire\_fee "

+"FROM "

+"music\_school.instruments i "

+"LEFT JOIN music\_school.instrument\_types it "

+"ON inst\_type\_id = it.id "

+"WHERE i.id = $1 "

+"ORDER BY name ASC",

name: "get-individual-instrument",

values: [

instrumentID

]

#### Get All Instruments

text: "SELECT "

+"i.id, "

+"serial\_no as serialNumber, "

+"name as instType, "

+"TO\_CHAR(purchase\_date,'DD/MM/YYYY') as purchaseDate, "

+"condition, "

+"purchase\_price as price, "

+"model, "

+"hire\_fee as hireFee "

+"FROM "

+"music\_school.instruments i "

+"LEFT JOIN music\_school.instrument\_types it "

+"ON inst\_type\_id = it.id "

+"LEFT JOIN music\_school.conditions c "

+"ON condition\_id = c.id "

+"WHERE is\_sold\_or\_disposed = FALSE "

+"ORDER BY name ASC",

name: "get-instruments",

values: []

#### Delete Instrument

text: "UPDATE music\_school.instruments SET is\_sold\_or\_disposed = TRUE WHERE id = $1",

name: "delete-instrument",

values: [

instrumentID

]