```
Public interface Collection {
Public void equals ();
Public void add (); }

Public interface List {
Pedido pedido = new Pedido ();
Abstract List abstractlist = new AbstractList ();
Public void get (); }

Public class Pedido {
    Array Itens de Linha [];}

Public abstract class AbstractList implements List {
public abstract void equal ();
public void get () {}
public void add () {} }

Public class ArrayList {
public void get () {}
public void add () {} }
```

```
Public class Project {
String name, description;
Source [] sources;
Aligment [] aligment;
Reference Sequence [] reference sequence;
Feature [] features; }

Public class Source{
String name;
Sequence [] sequences; }

Public class Sequence {
String sequence ID, format; }
```

```
Public class AligmentMember {
String referencemember;
AlignedSegment [] alignedsegments;}

Public class AlignedSegment {
String refStart, refEnd, memberStart, memberEnd;}

Public class Alignment {
String name, displayName, description;
AlignmentMember [] alignmentmembers;}

Public class ReferenceSequence {
String name, displayname;
FeatureLocation [] featureLocations;}

Public class Fature {
String name, displayName;}

Public FeatureLocation {
FeatureSegment [] featureSegments;
Variation [] variations;}

Public class FeatureSegment {
String refStart, refEnd;}

Public class Variation {
String name, displayName, description, scannerModuleName, translationType;
PatternLocation [] patternLocations;}

Public class PatternLocation {
String refStart, refEnd, pattern;}
```

```
Public class Population {
public String race, ethnicity, primary_language, language_family; }

Public class Molecular_sample {
public String molecule; }

Public class Anatomic_location {}

Public class Panel {
public string count_unit, type;
public long size;
public boolean pooled;
Individual [] individuals; }

Public class Individual {
public String father_ID, mother_id, sex, birth_date;
public int death_date; }

Public class Geographic_location {
public double max_longitude, max_latitude, min_longitude, min_latitude; }

Public Taxon {
public String rank, scientific_name; }
```