

Document list

List of Documents for Agro Farm Monitoring applications

- Sales receipt/Invoice
- Catalogue of farm produce
- Catalogue of farm crops
- Catalogue of farm animals
- Delivery notes for farm supplies
- Daily activity report
- Employee timesheet
- Farm activity timesheet
- Call for Tender
- Award for tender
- JPC - Job Completion Certificate
- Purchase Order
- Payment Waiver
- Grant application
- Grant certification
- Farm office Memo
- Agricultural programme memo
- Agricultural programme report
- Farm certificate
- Farm quality assurance certificate
 - Disease outbreaks
 - Farm Health
- Farm analysis report
 - Soil analysis
 - Husbandry Mortality
 - Husbandry birth rate
 - Harvest
 - Expense
 - Sales
- Farm inventory report
- Farm account balance sheet
- Farm sales report
- Farm expense report
- Farm health report

The documents above will form the basic document library for the application. The fields of each document will be defined using UBL component library. Design of the document will follow existing samples from client and opensource application with similar features

```
# List of documents for the application
documents = {
    'sales invoice' : [
        'id',
        'issue date',
        'issue time',
        'due date',
        'invoice type code',
```

```
'note',
'tax',
'document currency code',
'payment currency code',
'payment alternative currency code',
'accounting cost code',
'accounting cost',
'buyer reference',
'invoice period',
'order reference',
'billing reference',
'originator document reference',
'contract document reference',
'additional document reference',
'project reference',
'signature',
'buyer customer party',
'seller supplier party',
'delivery',
'delivery terms',
'payment means',
'payment terms',
'prepaid payment',
'allowance charge',
'tax total',
],
'catalogue of farm produce' : [
'id',
'catalogue name',
'issue date',
'issue time',
'revision date',
'revision time',
'note',
'description',
'version id',
'previous version id',
'validity period',
'source catalogue reference',
'signature',
'farm products'
],
'catalogue of farm crops' : [
'id',
'catalogue name',
'issue date',
'issue time',
'revision date',
'revision time',
'note',
'description',
'version id',
'previous version id',
'validity period',
'source catalogue reference',
'signature',
'farm crops'
],
'catalogue of farm animals' : [
'id',
```

```
'catalogue name',
'issue date',
'issue time',
'revision date',
'revision time',
'note',
'description',
'version id',
'previous version id',
'validity period',
'source catalogue reference',
'signature',
'farm animals'
],
'catalogue item inventory' : [
  'id',
  'issue date',
  'issue time',
  'note',
  'inventory period',
  'period start date',
  'period end date',
  'document reference',
  'signature',
  'retailer customer party',
  'inventory reporting party',
  'seller supplier party',
  'asset identifier',
  'asset', # user friendly name of inventory item
  'count',
  'current item condition',
  'depletion rate',
  'replacement level'
],
'delivery for farm supplies' : [
  'id',
  'sales order id',
  'issue date',
  'issue time',
  'note',
  'total packages quantity',
  'gross weight measure',
  'net weight measure',
  'net net weight measure',
  'gross volume measure',
  'net volume measure',
  'customer reference',
  'validity period',
  'order reference',
  'ordered items',
  'contract',
  'signature',
  'seller supplier party',
  'buyer customer party',
  'originator customer party',
  'freight forwarder party',
  'delivery',
  'delivery terms',
  'payment means',
  'payment terms',
```

```
        'allowance charge',
        'transaction conditions',
        'destination country',
        'tax total',
        'legal monetary total',
    ],
    'daily activity report' : [
        'daily start time',
        'daily end time',
        'start date',
        'end date',
        'activity',
        'comment',
        'percentage executed',
        'work done',
    ],
    'call for tender' : [
        'id',
        'copy indicator',
        'contract folder id',
        'approval date',
        'issue date',
        'issue time',
        'note',
        'version id',
        'previous version id',
        'legal document reference',
        'technical document reference',
        'additional document reference',
        'signature',
        'contracting party',
        'originator customer party',
        'receiver party',
        'tendering terms',
        'tendering process',
        'procurement project',
        'procurement project lot',
    ],
    'award for tender' : [
        'id',
        'contract folder id',
        'issue date',
        'issue time',
        'contract name',
        'note',
        'sender party',
        'receiver party',
        'document reference',
        'bidding', # offer by the awarded bidder
        'tender outcome',
        'final financial guarantee',
        'signature',
    ],
    'job completion certificate' : [
        'signature',
        'approvals',
        'release date',
        'release time',
        'sender party',
        'receiver party',
    ],
}
```

```
    'job title',
    'delivery date',
    'delivery time',
    'comments',
    'cost',
  ],
  'purchase order' : [
    'id',
    'issue date',
    'issue time',
    'due date',
    'note',
    'service charge',
    'document currency code',
    'payment currency code',
    'payment alternative currency code',
    'accounting cost code',
    'accounting cost',
    'buyer reference',
    'period',
    'originator document reference',
    'contract document reference',
    'additional document reference',
    'project reference',
    'signature',
    'requesting party',
    'vendor party',
    'approvals',
    'delivery terms',
    'payment means',
    'payment terms',
    'prepaid payment',
    'tax total',
  ],
  'grant application' : [
    'agricultural programme',
    'value', # monetary value of the grant
    'assets', # named asset given as grant
    'requesting party',
    'supplier party',
    'approval party',
    'application start date',
    'application end date',
    'reviews',
    'approval',
    'status',
  ],
  'grant certification' : [
    'agricultural programme',
    'value', # monetary value of the grant
    'assets', # named asset given as grant
    'requesting party',
    'supplier party',
    'approval party',
    'start date',
    'end date',
    'signature',
  ],
  'farm office memo' : [
    'sender party',
```

```

        'recipient party',
        'intermediary party ', # could contain list of intermediaries in chronicle order or receive document
    ],
    'date',
    'time',
    'contract',
    'attached documents',
    'subject',
    'message',
    'signatures',
],
'agricultural programme memo' : [
    'programme start date',
    'programme end date',
    'programme start time',
    'programme end time',
    'comments',
    'targets',
    'description',
    'purpose',
    'location',
],
'agricultural programme report' : [
    'event coverage',
    'programme activities',
    'comments',
    'participants',
    'attendance',
    'learning points',
    'participant suggestions',
    'recommendations',
],
'farm certificate' : [
    'certificate name',
    'certificate number',
    'issuer',
    'issue date',
    'expiry date',
],
'farm quality assurance certificate' : [
    'certificate name',
    'certificate number',
    'issuer',
    'issue date',
    'expiry date',
],
'soil sample analysis report' : [
    'source certificate',
    'information source',
    'received date',
    'received time',
    'analysis date',
    'analysis time',
    'analysis method',
    'concentration',
    'depth unit',
    'depth',
    'weight unit',
    'weight',
    'volume',

```

```

        'volume unit',
        'composition',
        'soil name',
        'soil nutrient classification',
        'soil texture',
        'soil heaviness',
        'spatial data',
        'referenced part of field',
        'depth range',
        'soil type',
        'description',
        'comment',
    ],
    'animal analysis report': [
        'source certificate',
        'information source',
        'recieved date',
        'received time',
        'analysis date',
        'analysis time',
        'specie',
        'weight unit',
        'weight',
        'height',
        'height unit',
        'age',
        'age unit',
        'health status',
        'description',
        'comment',
    ],
    'farm inventory report' : [
        'id',
        'issue date',
        'issue time',
        'note',
        'inventory period',
        'period start date',
        'period end date',
        'signature',
        'asset identifier',
        'asset code',
        'asset', # user friendly name of inventory item
        'count',
    ],
    'farm account balance sheet' : [
        # @todo: accounting module
    ],
    'farm sales report' : [
        'id',
        'issue date',
        'issue time',
        'sales period',
        'period start date',
        'period end date',
        'note',
        'orders fulfilled',
        'orders pending',
        'signature',
        'total tax',
    ]

```

```
    'total monetary value',  
  ],  
  'farm expense report' : [  
    # @todo: accounting module  
  ],  
  
}
```

A table matching the listed document with its corresponding fields showing matching ubl document name and field will be provided in future version of this document. A sample table is given below:

user friendly name	ubl name	ubl datatype
'id'	id	identifier
'issue date'	issue_date	date
'issue time'	issue_time	time
'sales period'	sales_period	number
'period start date'	start_date	date