An Online Permit and Monitoring System: Schematics

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Electronic Permit System: Core Components

1. Authorities

6. Core System

2. Applicants

3. Legal

6.2 Backups

6.1 Online Front Page

4. Monitoring

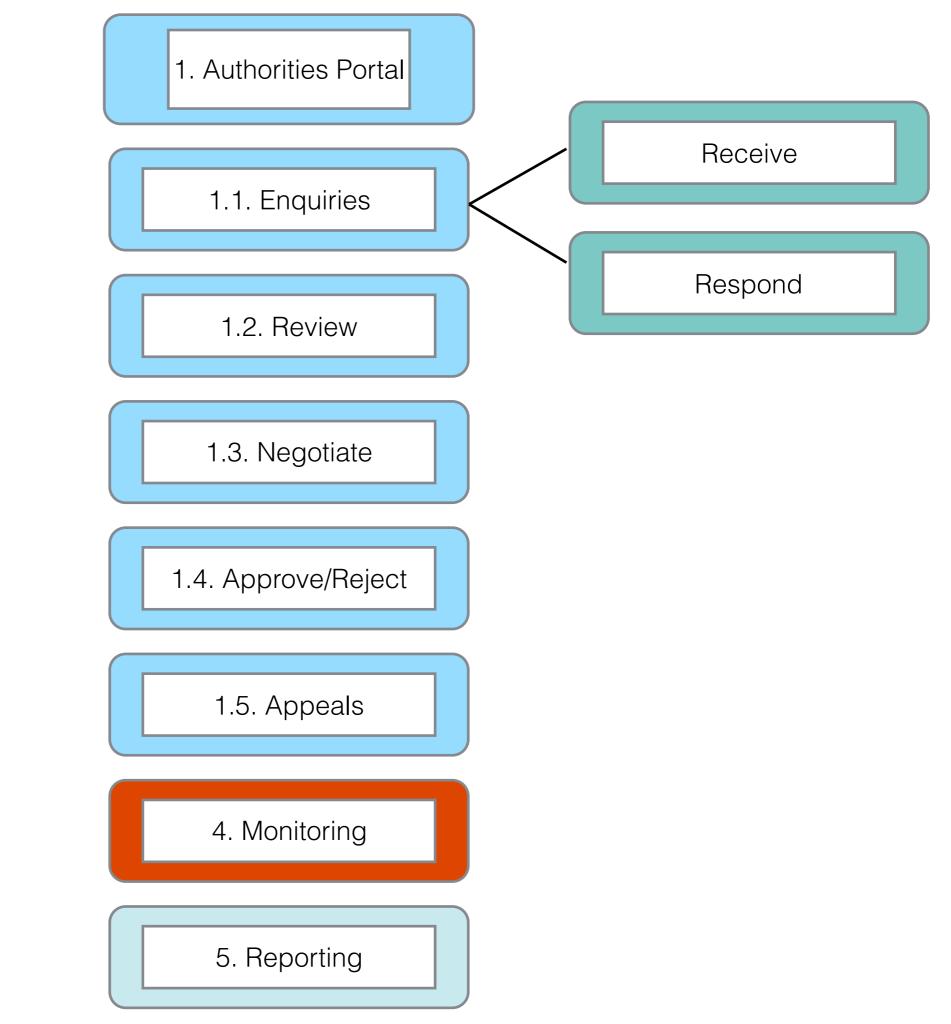
6.3 Physical Archive

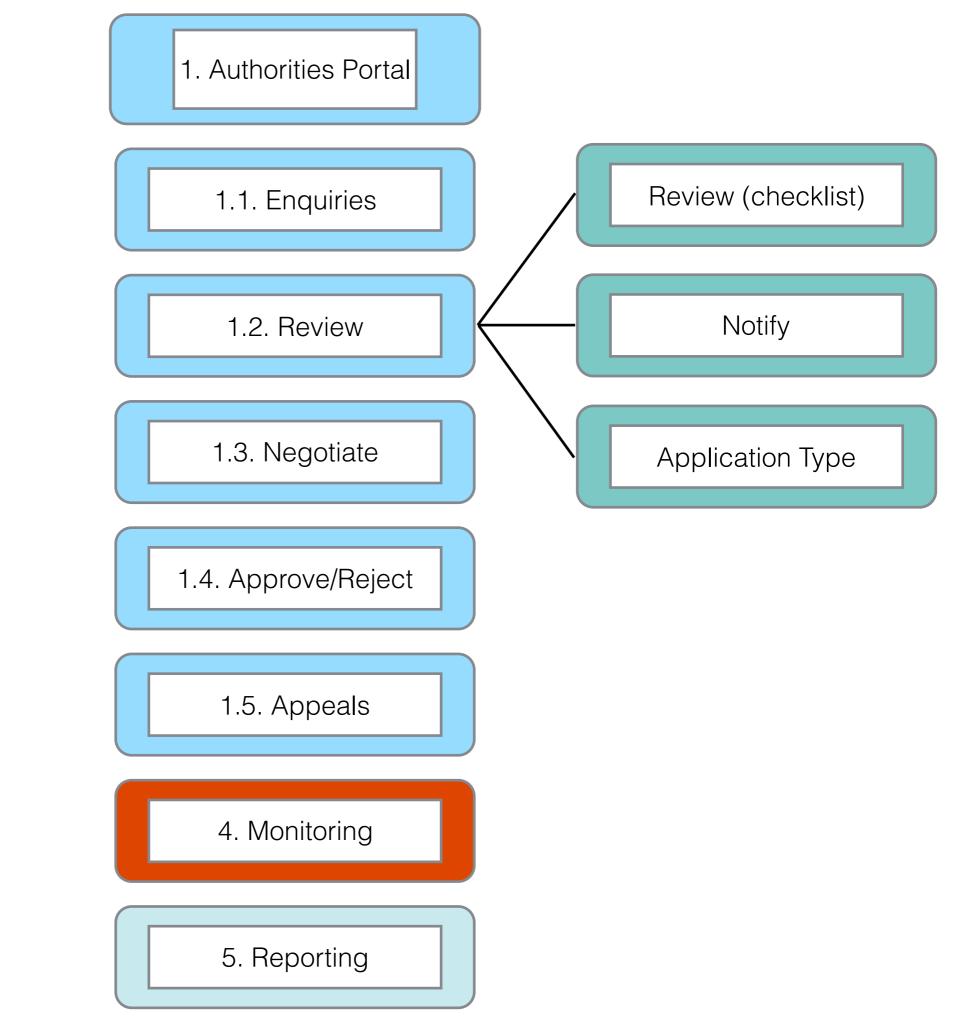
5. Reporting

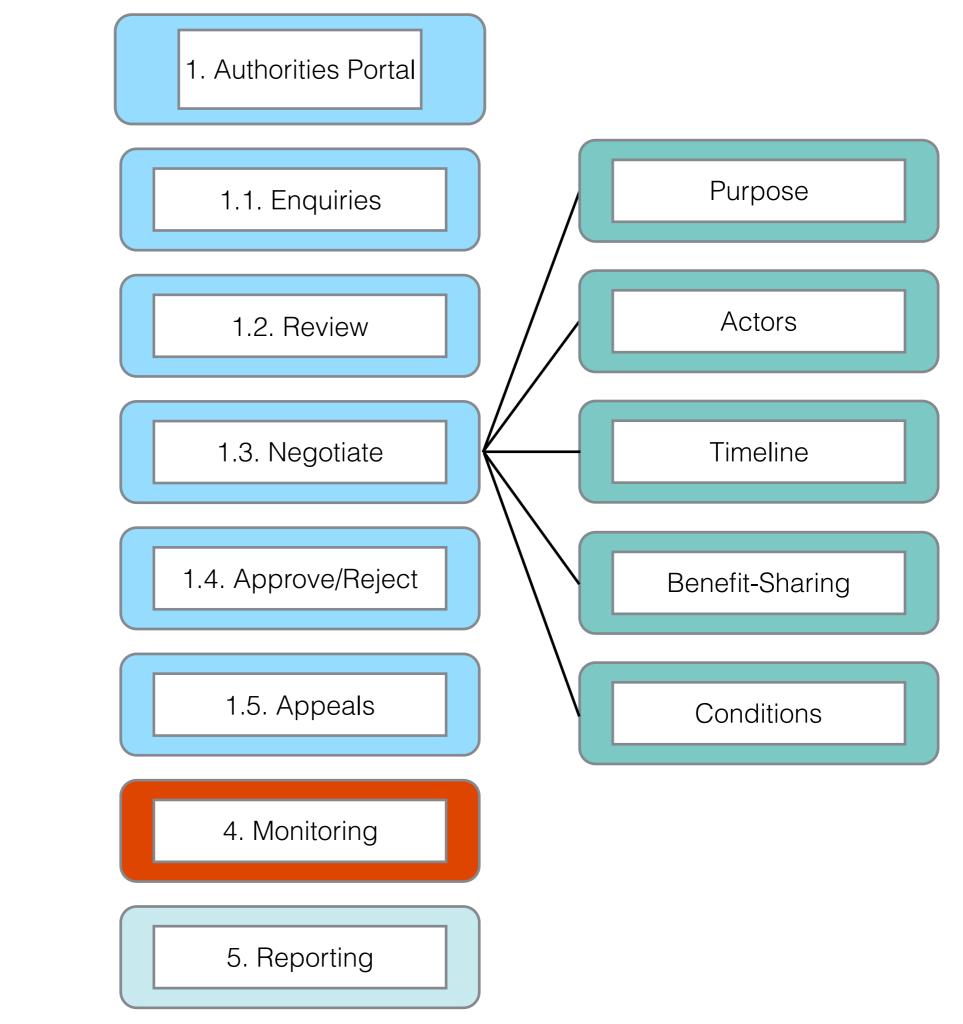
6.4 Mobile access

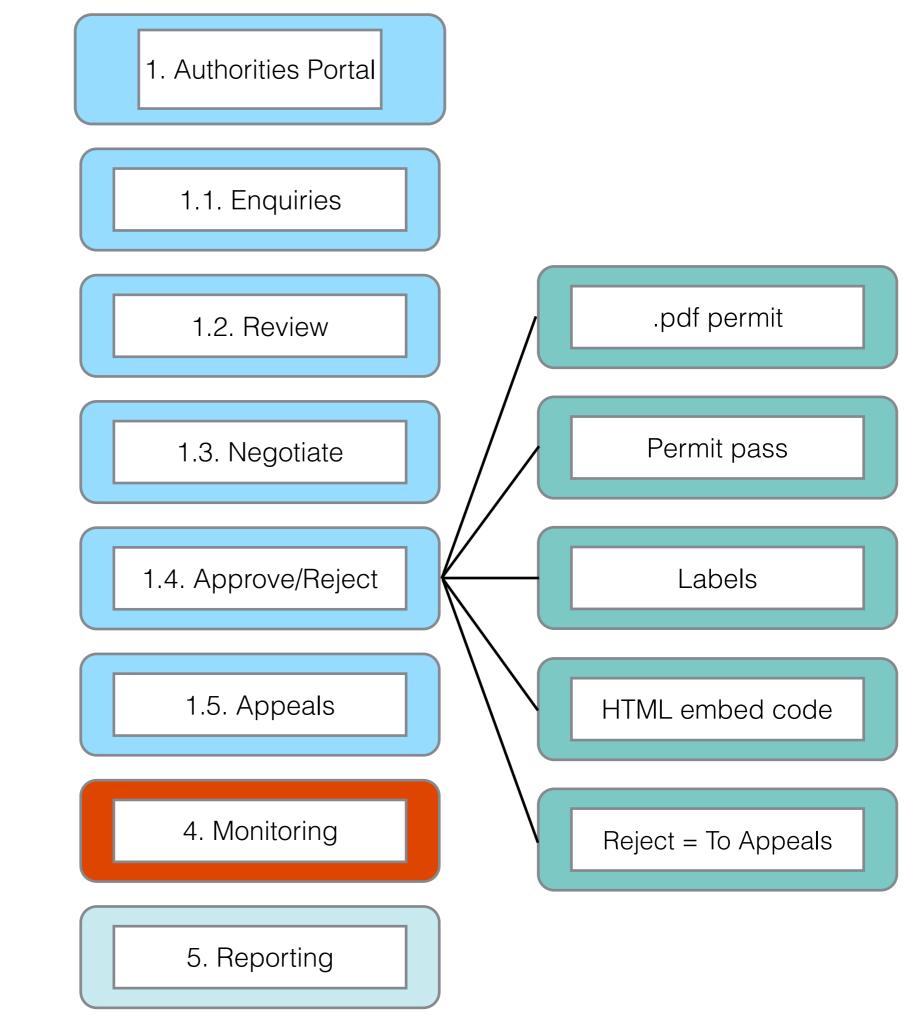
Permit Authorities

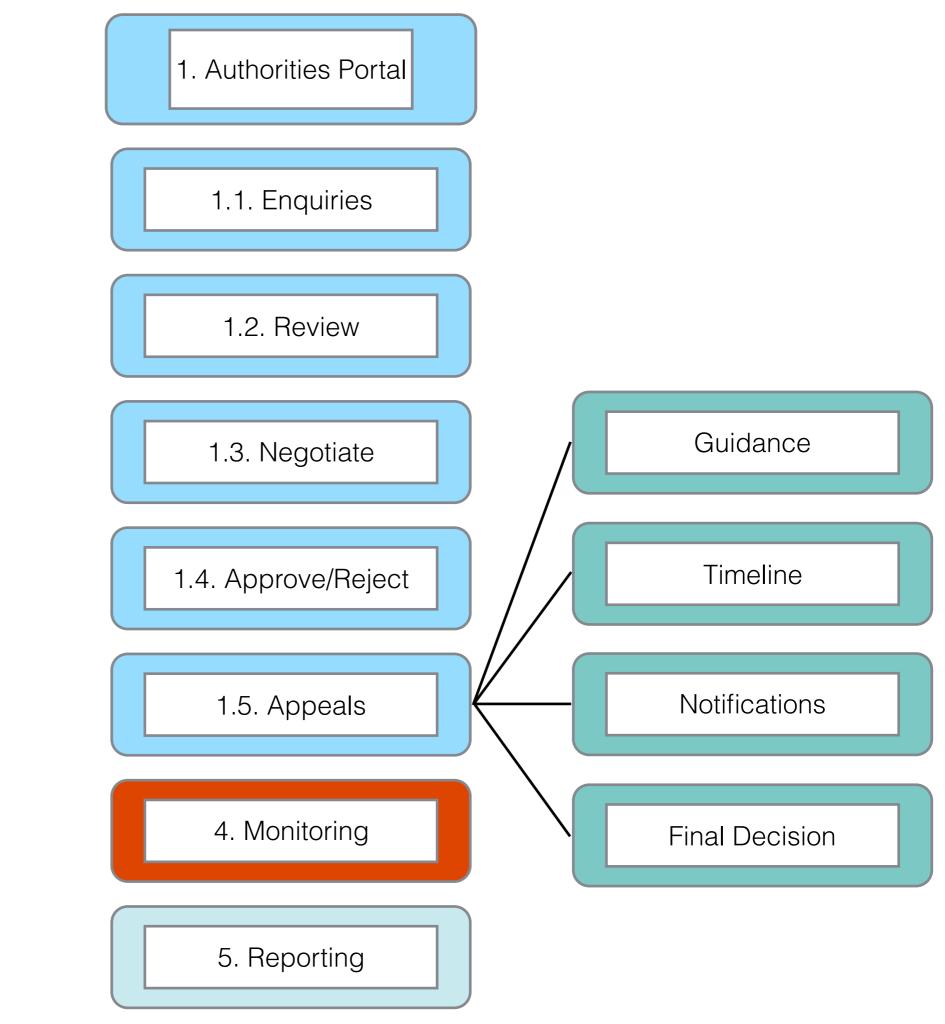
1. Authorities Portal 1.1. Enquiries 1.2. Review 1.3. Negotiate 1.4. Approve/Reject 1.5. Appeals 4. Monitoring 5. Reporting



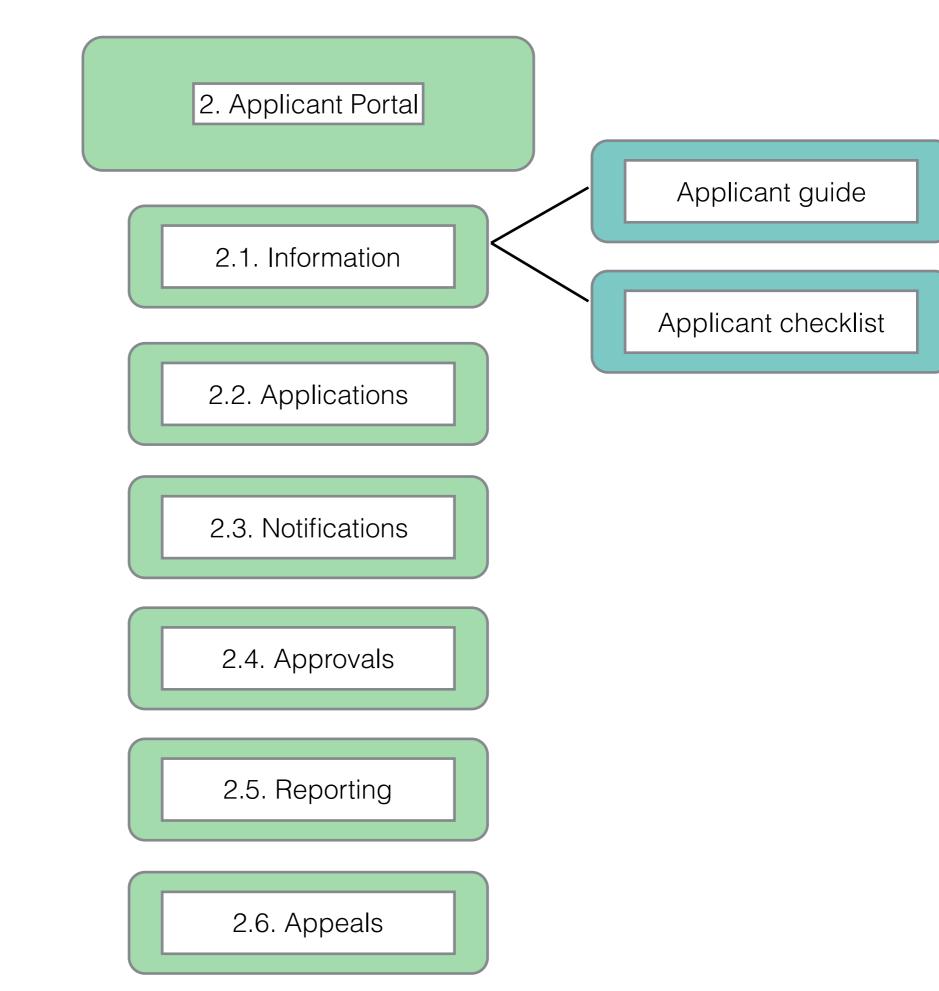








Applicants



2.1. Information

Non-commercial

2.2. Applications

Commercial

2.3. Notifications

Both

2.4. Approvals

2.5. Reporting

2.6. Appeals

2. Applicant Portal

2.1. Information

2.2. Applications

Receive Notifications

2.3. Notifications

Respond Notifications

2.4. Approvals

2.5. Reporting

2.6. Appeals

2.1. Information

2.2. Applications

2.3. Notifications

pdf permit

2.4. Approvals

Mobile pass

2.5. Reporting

Sample labels

2.6. Appeals

HTML embed code

2.1. Information

2.2. Applications

2.3. Notifications

2.4. Approvals

Publications

2.5. Reporting

Patents

2.6. Appeals

Products

2.1. Information

2.2. Applications

2.3. Notifications

2.4. Approvals

2.5. Reporting

2.6. Appeals

Guidance

Timeline

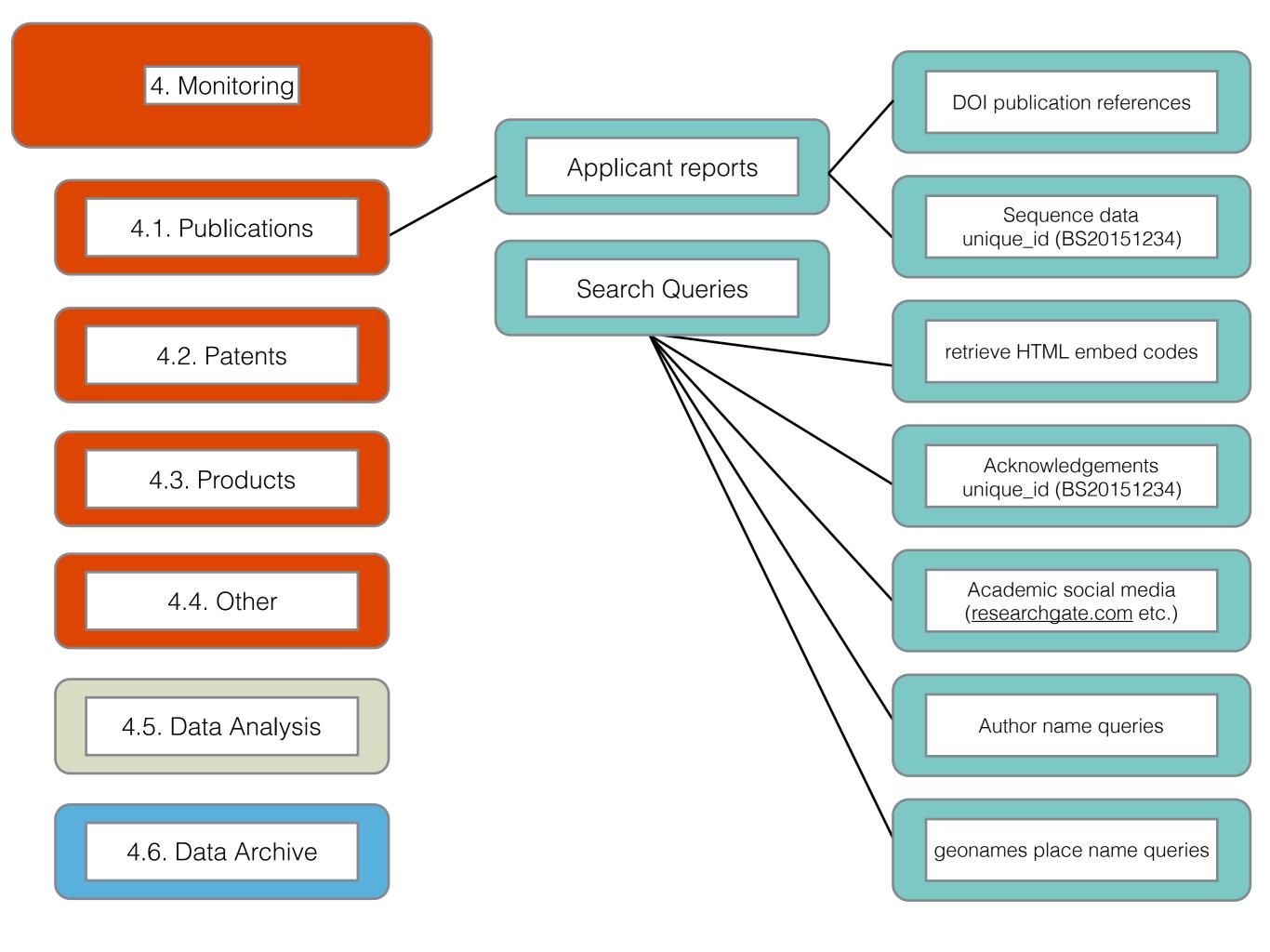
Notifications

Final Decision

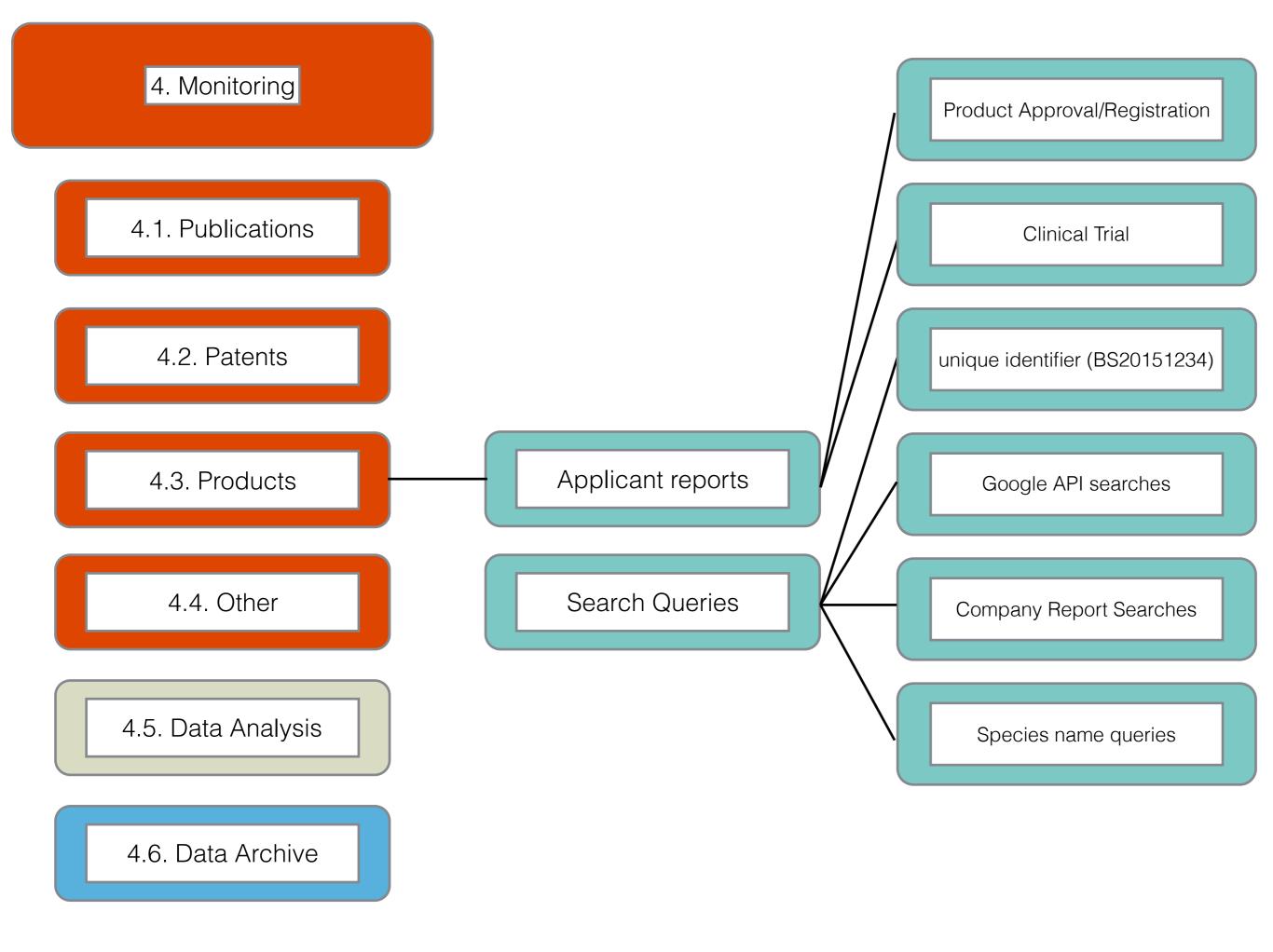
Monitoring

Concept

A cost effective monitoring system for scientific publications, patents and products arising from research and development involving genetic resources and/or traditional knowledge in support of implementation of Article 17 of the Nagoya Protocol and national reporting under Article 29.



4. Monitoring	Patent Publication Number
4.1. Publications	Disclosure statement identifier (BS20151234)
4.2. Patents	Applicant reports unique identifier (BS20151234)
4.3. Products	Applicant discloses Author/Inventor name queries
4.4. Other	Search Queries Applicant Organisation Queries
4.5. Data Analysis	Species name queries
4.6. Data Archive	geonames place name queries



4. Monitoring 4.1. Publications 4.2. Patents Other Activity 4.3. Products Applicant reports 4.4. Other Search Queries Google API Searches 4.5. Data Analysis

4.6. Data Archive

Data Analysis (sub-component)

4.5. Data Analysis 1. Gather Data Applicant Reports Query Data 2. Clean Data 3. Analyse 4. Visualise 5. Report

4.6. Data Archive

4.5. Data Analysis 1. Gather Data 2. Clean Data Standardise 3. Analyse Tidy Data 4. Visualise 5. Report 4.6. Data Archive

4.5. Data Analysis 1. Gather Data 2. Clean Data 3. Analyse Text Mine Statistics 4. Visualise 5. Report 4.6. Data Archive

4.5. Data Analysis 1. Gather Data 2. Clean Data 3. Analyse 4. Visualise Graphs Networks 5. Report Maps 4.6. Data Archive

4.5. Data Analysis 1. Gather Data 2. Clean Data 3. Analyse 4. Visualise 5. Report Audiences 4.6. Data Archive

Reporting

5. Reporting 5.1. Nagoya Protocol National Reports 5.2. ABS CHM Compliance Committee 5.3. Plant Treaty

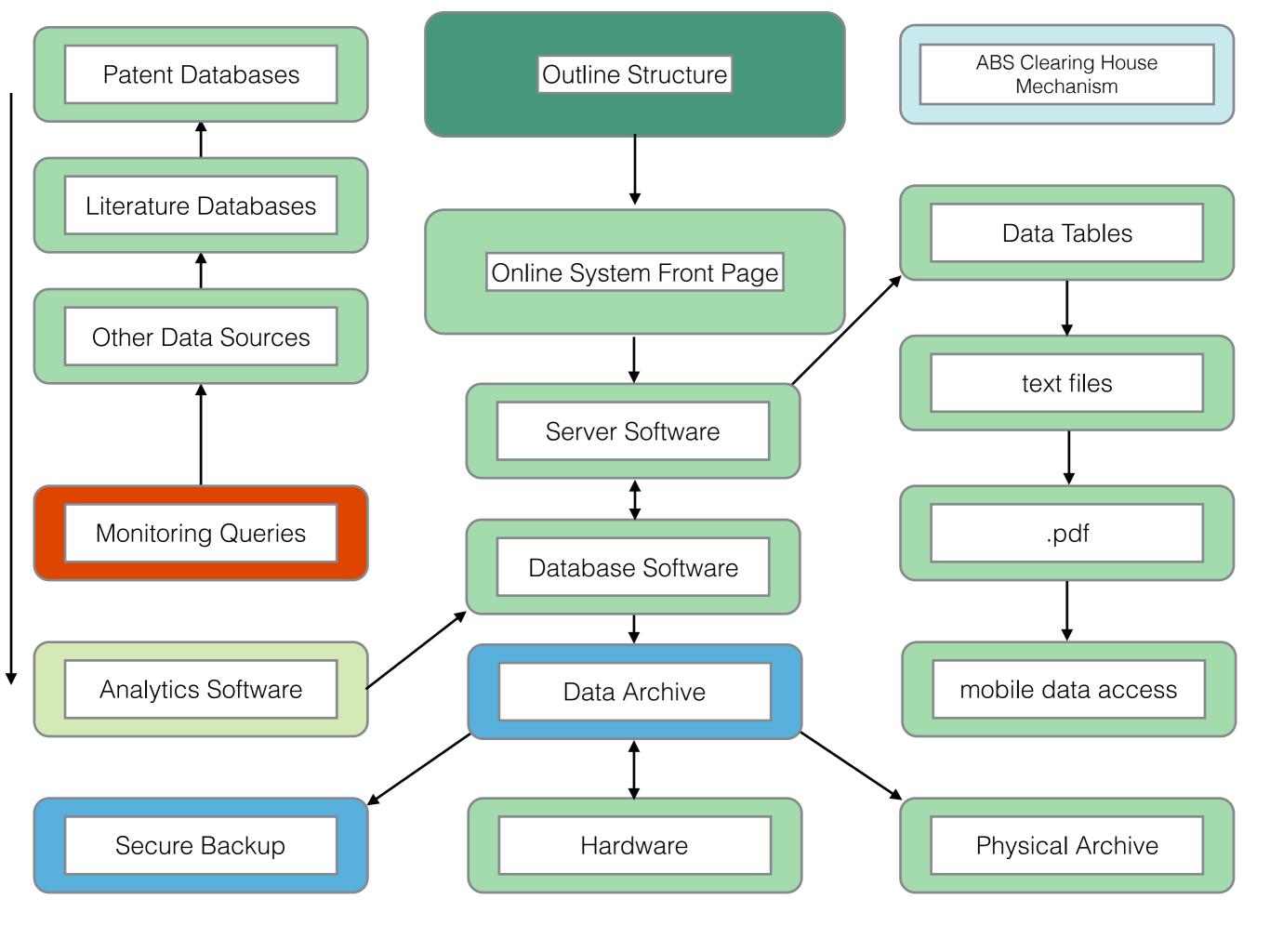
5.4. Other Treaties

5.5. Other Processes

4.6. Data Archive

5. Reporting 5.1. Nagoya Protocol 5.2. ABS CHM Categories 5.3. Plant Treaty As Required As Required 5.4. Other Treaties As Required 5.5. Other Processes 4.6. Data Archive

Outline Structure (draft)



Resources

Patent Databases	Resources Needed	Human Resources
Literature Databases	Server Software	Programmer(s)
Other Data Sources	Computers	Trainers
Analytics Software	Hard Drives	Maintenance/Curation
VantagePoint	Database software	
Tableau	.pdf creator software	
Other Software	QR writer & Reader	Barcode writer/reader