



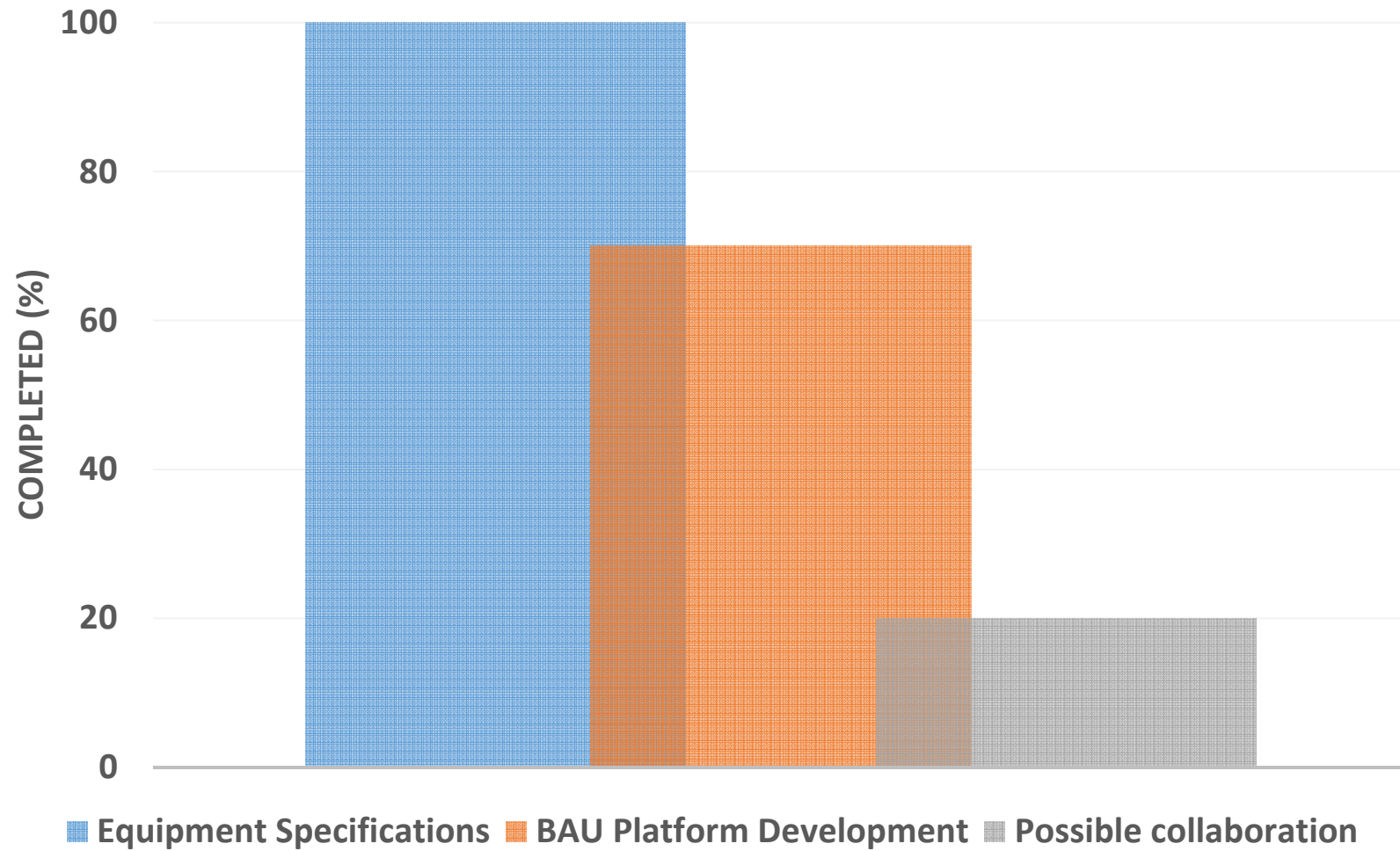
MIMIr-BAU Team



# WP4: MIMIR Equipment Proposed Project Platform Specifications



# BAU Tasks and Progress



Quick Survey – Kahoot!

**On your Mobile Phone**

**1) Go to Apple Store or to Google Play**

**2) Install the App (it takes less than a minute)**

# Part 1: Equipment Specification and Quotations



*During the Team visit to Jordan, from left to right: Breget, Zeineb, Tarek, Hazem, and Atef  
Photo by Naser Almanaseer*

## Annex 1: Equipment and specifications

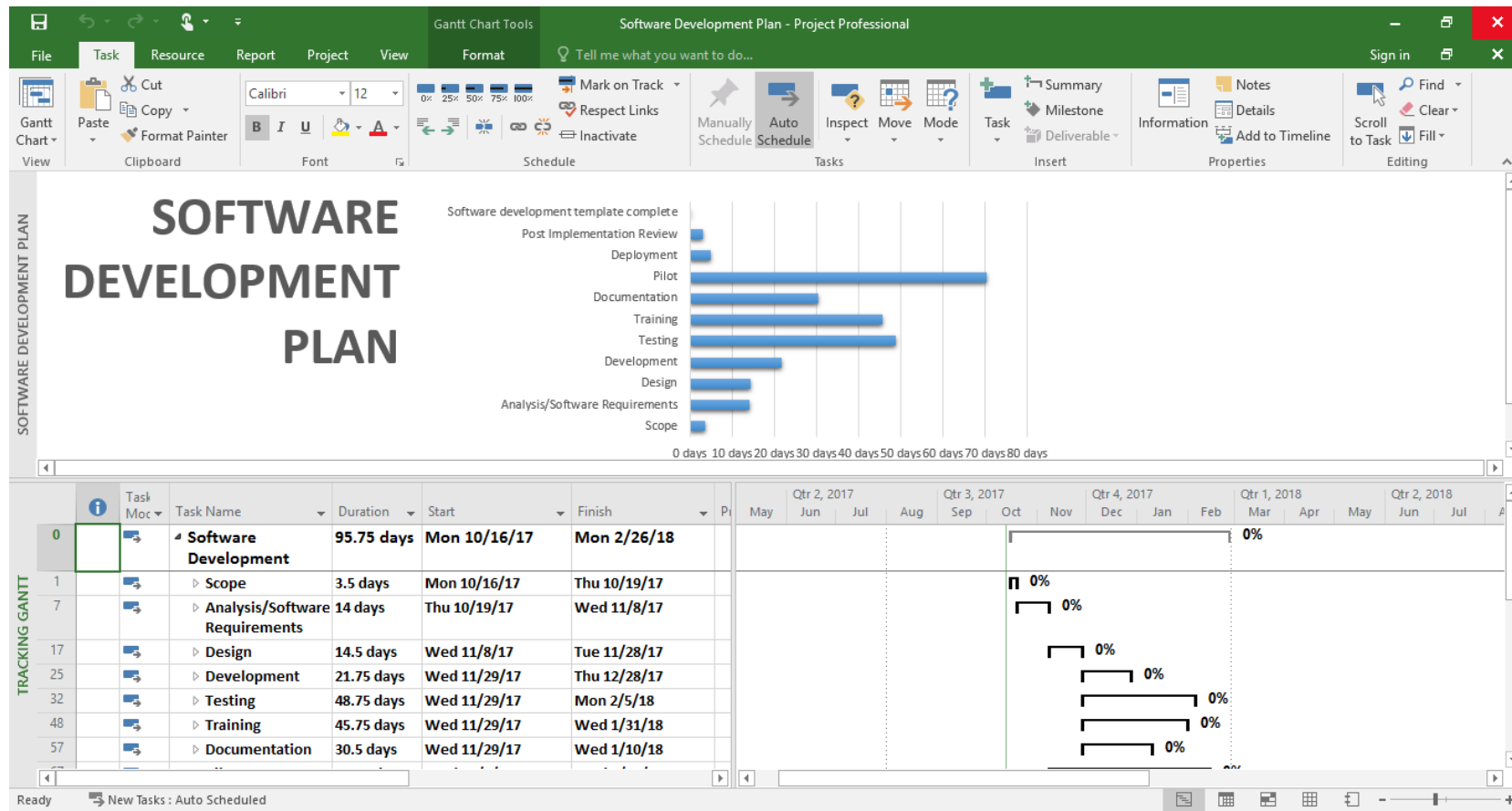
### ABSTRACT

This document is prepared by MIMIr Team at Al-Balqa' Applied University, one of the project partners, to provide technical specifications for equipment needed for the project. The funding is by Erasmus+ CBHE Action 561548-EPP-1-2015-1-ES-EPPKA2-CBHE-SP, and the project is coordinated by Barcelona University in Spain.

### Author

MIMIr Team at Al-Balqa' Applied University

# Planning the Job; utilize local experience and resources

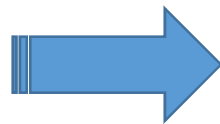


## Part 2: BAU Platform Development



# BAU Platform: Planning

- Assess existing situation (national report)
- Define Indicators
  - Stakeholder consultation (within BAU)
  - Study visits and Roundtables (Within MIMIR)
  - Transferrable European Innovation and Research Management Practices (Hand Book). (Within MIMIR)
- Identify Modules (list of modules)
- Identify Needed infrastructure (Hardware, Human Resources).
- Preliminary approval by BAU top management.



**Concept Model for Platform at BAU**

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# Model Structure for Innovation and Research Information System (IRIS)

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Depending on:  
Modernization of Institutional Management of Innovation and Research  
in South Neighboring Countries (MIMr)

By MEMr-BAU team

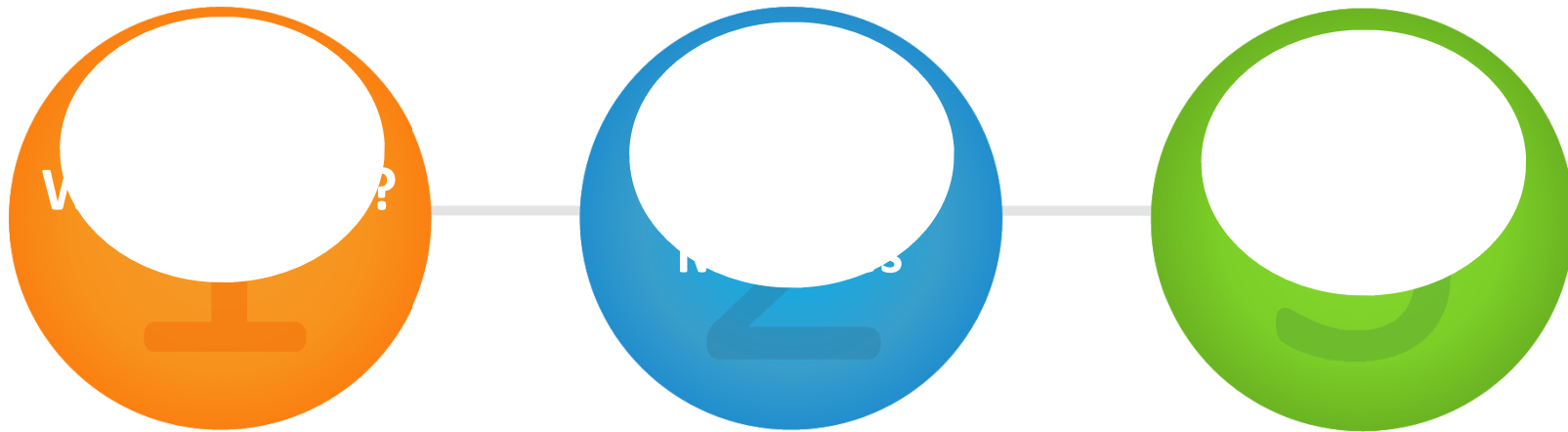
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# BAU Platform; The Concept

## Innovation and Research Information System (IRIS)



We have features for every step of the way 



# What is IRIS?

platform , Information , and exchange

***Innovation and Research Information System (IRIS)***. IRIS is a pilot-style, database-construction project platform for Information and knowledge sharing and exchange Innovation Research and Development (IRD) for target groups and stakeholders in BAU.



# Three Designing Phases

- **Coding prototype**
- **Evaluation (assessing System Performance).**
- **Evolution (System Debugging & Maintenance)**



System Modules

**Human Resources , Institutions,  
Publications, etc. ...**



**IRIS  
System  
Modules**

- **Human Resources**
- **Institutions**
- **Publications**
- **Projects**
- **News**
- **Events & Meetings**
- **Facts and Figures**
- **Links Module**
- **RSS Module**
- **Job Opportunity**
- **Good Practices**
- **Country Reports**
- **Laws and Regulations**

# Definitions for selected modules

<b>Publications (Documents)</b>	<b>This module keeps track of publications authored by researchers. Each publication has specific data such as abstract, authors, keywords, etc.</b>
<b>Projects</b>	<b>This module keeps track of the projects in which Institutes participate in.</b>
<b>Human Resources</b>	<b>Projects are identified by title, funding agents, and objectives.</b>
	<b>A web based system of multi lingual capturing and disseminating information about personnel in the research sector in BAU. This Module keeps track of the researchers of the IRIS</b>
<b>Institutions</b>	<b>This module presents basic information about institutions in Jordan such as name, address, goal, achievement...etc. The IRIS system provides a backend for storing/update institutions' data and a front end for browsing and searching.</b>

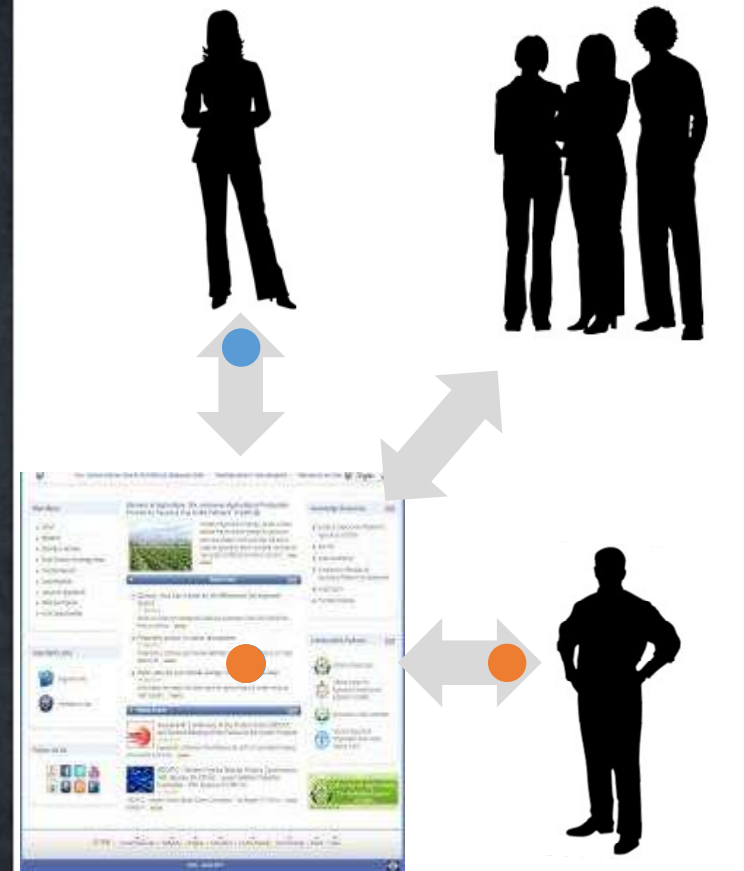
# Application Interfaces

## Front end Interface

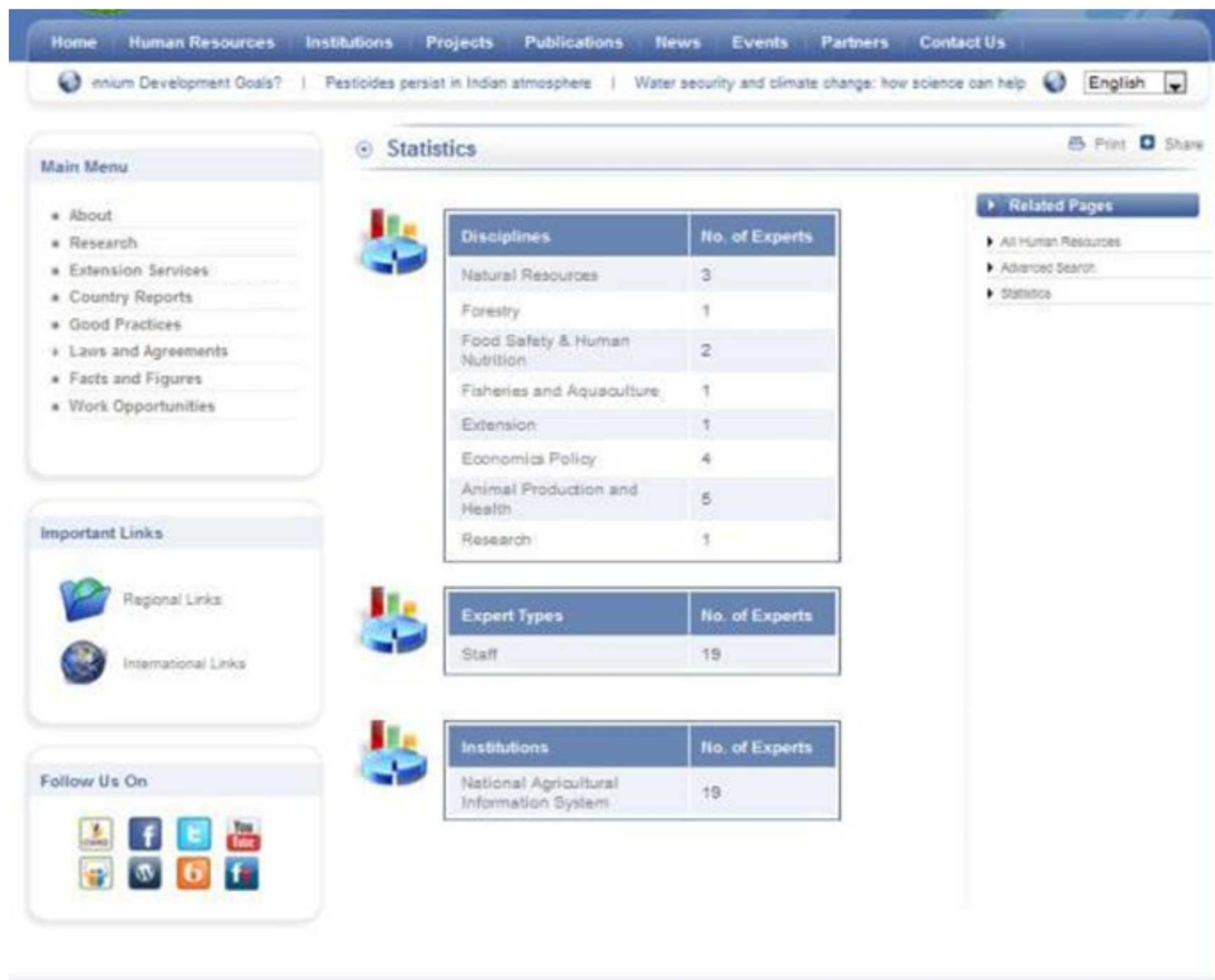
The front end components provide the information browsing and retrieval functionalities, and are available to any site user

## Back end Interface

The backend components provide the data management functionalities that enable system administrators to input/update/delete data items into the NAIS database. These components are accessible by system administrators only.



# Statistics - Human Resources





# Browsing Modules - Projects

Home Human Resources Institutions Projects Publications News Events Partners Contact Us

News: Science: what has it done for the Millennium Development Goals? | English


## Projects

Print Share

Completed Projects [4]

### Dairy Products Processing at Al'eis Area/ Tafelieh Governorate


Date	From 12/2004 To 12/2005
Contact Person	Jordan TBA TBA



Description

### National drought mitigation strategy


Date	From 8/2005 To 4/2007
Contact Person	Jordan TBA TBA



Description

### Support to forest policy and strategy for sector development

Date	From 3/2006 To 12/2007
------	------------------------



Description

#### Related Pages

- All Projects
- Advanced Search

#### Useful Links

- Special Programme for Food Security (SPFS)
- Technical Cooperation Programme (TCP)
- FAQ projects Database
- Technical Cooperation Department

#### Main Menu

- About
- Research
- Extension Services
- Country Reports
- Good Practices
- Laws and Agreements
- Facts and Figures
- Work Opportunities

#### Important Links

- Regional Links
- International Links

# Browsing Modules - Human Resources

The screenshot displays the 'Human Resources' module of a website. At the top, a navigation bar includes links for Home, Human Resources, Institutions, Projects, Publications, News, Events, Partners, and Contact Us. Below this, a news ticker shows headlines like 'Science: what has it done for the Millennium Development Goals?' and 'Pesticides persist'. The main content area is titled 'Human Resources' and shows a list of individuals. The first entry is 'Ahmed Al Majali', with details for Nationality (Jordanian), Disciplines (Animal Production and Health), and Institution (National Agricultural Information System). The second entry is 'Ali Allabadi', with details for Nationality (Jordanian), Disciplines (Natural Resources), and Institution (National Agricultural Information System). The third entry is 'Avedis Serpekian'. To the left, a 'Main Menu' lists various site sections, and 'Important Links' provide access to regional and international resources. On the right, a 'Related Pages' section offers links to all human resources, advanced search, and statistics.

Home Human Resources Institutions Projects Publications News Events Partners Contact Us

News : Science: what has it done for the Millennium Development Goals? | Pesticides persist in

English

**Human Resources** Print Share

Human Resources [Total : 19]

**Ahmed Al Majali**

Nationality	Jordanian
Disciplines	Animal Production and Health ,
Institution	National Agricultural Information System

More Details

**Ali Allabadi**

Nationality	Jordanian
Disciplines	Natural Resources ,
Institution	National Agricultural Information System

More Details

**Avedis Serpekian**

**Main Menu**

- About
- Research
- Extension Services
- Country Reports
- Good Practices
- Laws and Agreements
- Facts and Figures
- Work Opportunities

**Important Links**

- Regional Links
- International Links

**Related Pages**

- All Human Resources
- Advanced Search
- Statistics

# Example Data- Human Resources

The screenshot shows a web application interface for Human Resources. The top navigation bar includes links for Home, Human Resources, Institutions, Projects, Publications, News, Events, Partners, and Contact Us. A news ticker at the top displays headlines such as 'Science: what has it done for the Millennium Development Goals?' and 'Pesticides persist in Indian atmosphere'. The left sidebar contains three sections: 'Main Menu' with links like About, Research, and Extension Services; 'Important Links' with Regional and International Links; and 'Follow Us On' with social media icons. The main content area displays the profile of Mr. Ahmed Al-Majali, with tabs for General, Fields of Expertise, Communications, Languages, Education, Employment Record, Projects, and Publications. The 'General' tab is active, showing a table of personal and professional details. A 'Related Pages' sidebar on the right lists links to All Human Resources, Advanced Search, and Statistics. The footer includes an RSS feed icon and a list of site categories.

Human Resources	
Mr. Ahmed Al-Majali	
General   Fields of Expertise   Communications   Languages	
Education   Employment Record   Projects   Publications	
Disciplines	Animal Production and Health
Expert Type	Staff
Institution	National Agricultural Information System
Present Nationality	Jordanian
Nationality	Jordanian
Experience (yrs)	14
E-mail	almajali@just.edu.jo
Present residence	
Length of present residence	
Mailing address	P.O.Box 3030 Irbid 22110 , Jordan
Place of birth	Zarka, Jordan
Date of birth	18 Dec, 1970
Sex	Male
Marital Status	Married
Language for correspondence	English
Computer skills	Good
CV	
PHF	

# Management – Back end



# Browsing Modules – Back end

**Content Management System**

Home System Management Modules

baa / institutions.admin Logout

About	Focal Points	Human Resources	Projects
Publications	Events	News	Country Reports
Good Practices	Laws and Agreements	Links	RSS
Export XML Files	Import XML	Facts and Figures	Collaborative
Job	Rural Woman	General Marquee	

**1 National Agricultural Information System**

National Agricultural Information System (NAIS) is a national platform for information dissemination and knowledge sharing and exchange for Agricultural Research and Development (ARD) for target groups and stakeholders in Jordan

**Objectives of NAIS**

To strengthen the capacity of the Ministry of Agriculture and other stakeholders to establish an effective and efficient information system that will support agricultural development and ensure food security in Jordan, based on the needs and demands of its stakeholders and integrating the various resources in the MOA

To serve as an information and knowledge repository/exchange mechanism at the national level and a gateway to the national knowledge systems for Agricultural Research and Development (ARD) in Jordan, aiming for strengthening, coordinating, and adding value to initiatives by national programs and regional organizations in order to increase agricultural production and improve food security for the benefit of improving performance of farmers and agrarian businesses

**1 NAIS Help**

© NAIS - Jordan 2010



# System Management Level - Users

# Level 1

User Name	Responsibility
1- BAU Administrator	<p><b>BAU administrator who is responsible for</b></p> <ol style="list-style-type: none"><li><b>1. Adding/Deleting/Editing/Export XML and View Institutions.</b></li><li><b>2. Assign College Administrators to institutions.</b></li><li><b>3. Add alternative languages to the institution.</b></li><li><b>4. Add/Edit/Delete/View other modules as Country reports, Good practices, Laws and regulations, Links, RSS, Export XML files and Data Registrant.</b></li><li><b>5. translate the backend and frontend interfaces to different languages</b></li></ol>

## Level 2

User Name	Responsibility
2- College Administrator	<p>The college Administrator is assigned by BAU Administrator to administrate delegated institutions and is responsible for</p> <ol style="list-style-type: none"><li>1. Adding/Deleting/Editing//Export/View Institutions under his authority.</li><li>2. Add alternative languages to the College</li><li>3. Assign Institution Data Entry to institutions.</li><li>4. Publish/Reject/Delete/Edit and view Publications, Projects or Experts sent by Institution Data Entry.</li><li>5. Publish/Reject/Delete/Edit and view other modules as About, Focal points, Events, News, Links and Page creator sent by Collage Data Entry.</li></ol>



## Level 3

User Name	Responsibility
3- Data Entry	<p>The Data Entry is assigned by College administrator to institutions and is responsible for</p> <ol style="list-style-type: none"><li>1.Add Projects, Experts and Publications, About, Focal points, Events, News, Links and other modules under his authority.</li><li>2. Update/Delete Projects, Experts, Publications, About, Page creator and Links that are added but not yet sent to Collage Administrator.</li><li>3. Send all items to College Administrator for approval.</li></ol>

## Models dimension - Customization



**Customized  
indicators  
and  
modules**

**Improved Virtual Platform**

**Replication ?**

**Virtual Platform**  
**South-South collaboration**

# DESIGNING AND IMPLEMENTING OF VIRTUAL PLATFORM IN PARTNER INSTITUTIONS – CONCEPT NOTE

Submitted by

MIMIR Team

Al-Balqa Applied University, Jordan

*As part of the activities of Modernization of Institutional Management of Innovation and  
Research in South Neighboring Countries October, 2017*

## Preface

Modernization of Institutional Management of Innovation and Research in South Neighboring Countries - MIMIR is a project coordinated by Barcelona University and funded through ERASMUS+. Establishing virtual platform at partner institutions is one important intervention to empower management of innovation and research at these institutions. This approach will allow for knowledge transfer and exchange, and therefore the proposed virtual platform will be implement to invest in the existing experience and improve it to allow for further dynamic collaboration in idea generation, data flow, and innovation in general. Based on the progress of the project represented by study tours and roundtables conducted by the project at several partner institutions, the necessity of functional and effective virtual platform become evident. According to the project settings, partners are granted almost equal resources to achieve this specific task. However, the initial conditions in terms of innovation and research management varies among different partner institutions. Hence, customized interventions is unavoidable. Despite the limitations in both the allocated resources and time, MIMIR Team at Al-Balqa Applied University (BAU) made significant steps toward implementing this task. During the roundtable held in Amman back in July 2017, partner institutions preliminary discussed the possibility of collaboration between partners from Jordan and Morocco on the issue of virtual platform development, and assigned BAU and Mohammad IV to take the responsibility in this particular assignment. Consequently, this document presents draft concept on the possible collaboration between BAU and partner institutions in Morocco and Jordan toward the development of customized virtual platform.

## 1. TASKS

### Task 1: Planning

This task focus first on performing system-analysis to fully understand the current situation of innovation and research at partner institution. This analysis will partly utilize information presented in the national report prepared earlier by the Jordanian and Moroccan partners.

# Work Plan and Timeframe

Task	Deliverable	Contributor	Time
Planning	Inception Report Hardware specifications Software specification	BAU	
Platform Design	List of indicators List of Modules	BAU and partners	
	Code Prototype	BAU	
Dissemination	Lunching event Awareness	BAU	
	Integration	Partners	
Capacity development	On-job training	BAU	
Replication and Upscaling	Customized virtual platform at partner institutions	BAU	
Impact Assessment	Impact report	BAU	

# Thank you





<b>Country Report Module</b>	<b>It is concerned with country reports concerning all issues related to Innovation and Research</b>
<b>Good Practices Module</b>	<b>It is concerned with displaying successful Innovation and Research case studies.</b>
<b>Links Module</b>	<b>It displays related links to this System.</b>
<b>RSS Module</b>	<b>It is concerned with exchanging information between different applications.</b>
<b>News and Events Modules</b>	<b>They are concerned about displaying News and Events about Ministry of agriculture and any Innovation and Research issues.</b>

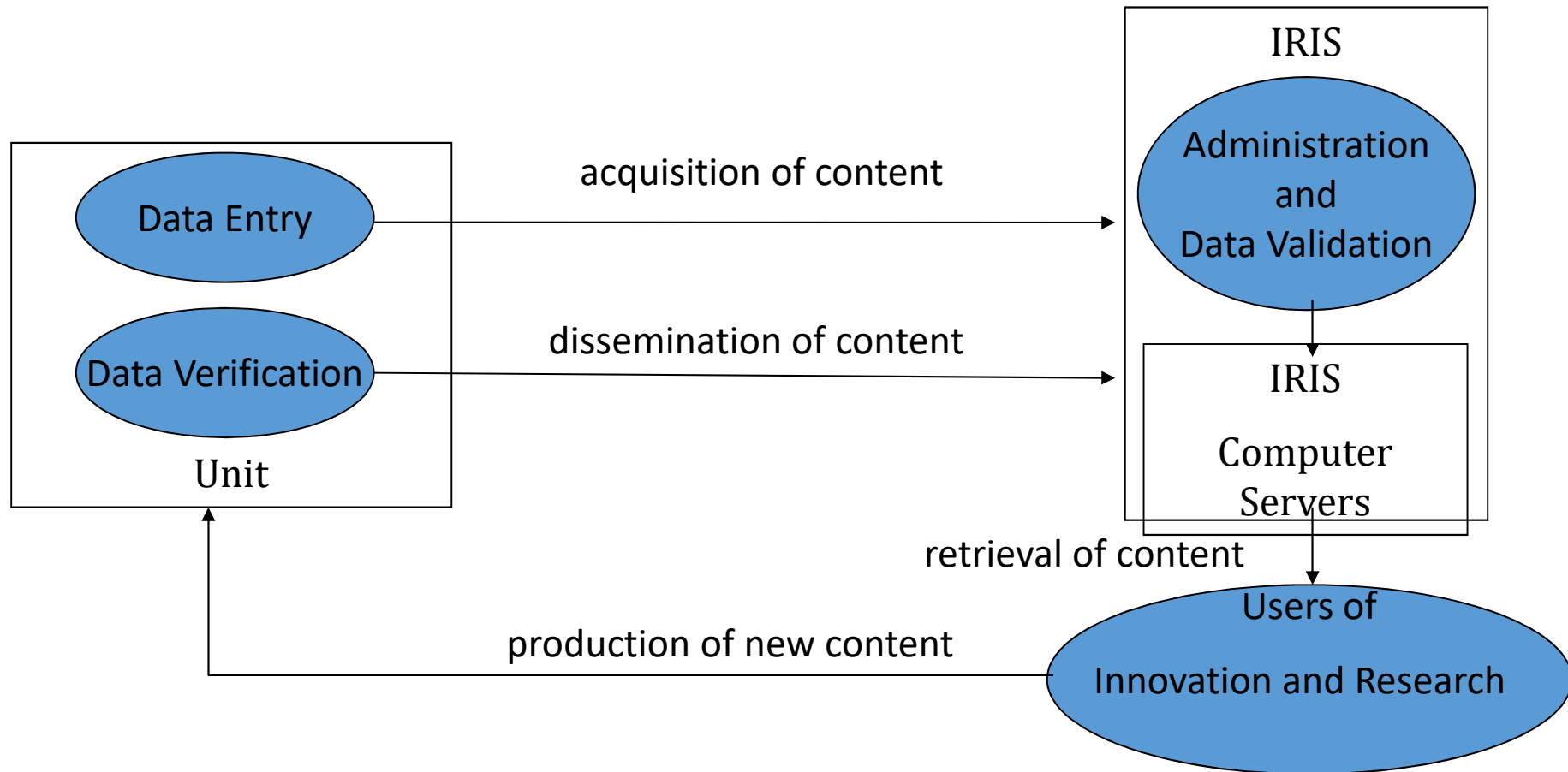




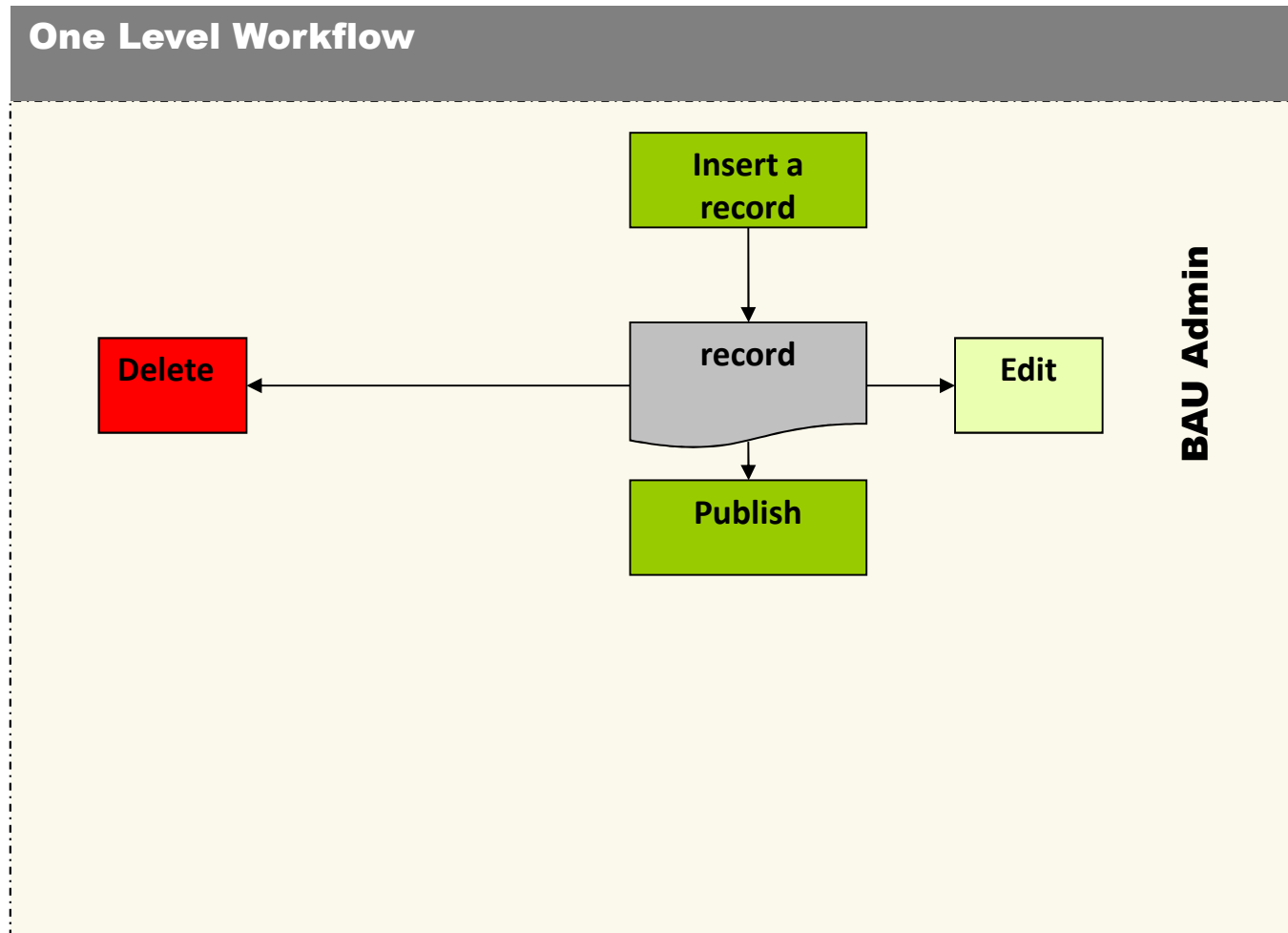
<b>Collaborative Partners Module</b>	<b>It is concerned about Collaborative partners cooperating with ministry of higher education as an example financing projects.</b>
<b>Job Opportunity</b>	<b>Job Opportunity allows Universities to announce available jobs needed.</b>
<b>Facts and Figures Module</b>	<b>It provides facts and figures about Innovation and Research sectors.</b>



# Work Flow



# One Level Workflow



# Modules Workflow

