

Project Feasibility Study

**Project Monitoring, Control, and
Application Expansion**

Prepared by Dr. Mumen Thabet

PMG201

Project Feasibility Study

Lecture 10



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www.midocean.ae

OVERVIEW

- ☐ The Plan-Monitor-Control Cycle.
- ☐ Data Collection and Reporting.
- ☐ Talking about the Jadwa Cloud tool.
- ☐ Getting acquainted with the Process.st platform.

Lecture

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The Plan-Monitor-Control Cycle.

Introduction

Monitoring is the collection, recording, and reporting of project information that is of importance to the project manager and other relevant stakeholders.

Control uses the monitored data and information to bring actual performance into agreement with the plan. Clearly, the need to exert proper control **mandates** the need to monitor the proper activities and elements of the project. Frequently, the distinction between monitoring and control is unclarified , and their interaction often makes us think we are working on a single task, but they are quite distinct.



Designing the Monitoring System

The key to setting up a monitoring system is to identify the special characteristics of **scope, cost, and time** that need to be controlled in order to achieve the project goals as stated in the project plan. The exact boundaries within which these characteristics should be controlled must be determined, as well as the specified performance characteristics for each level of detail in the project activities.

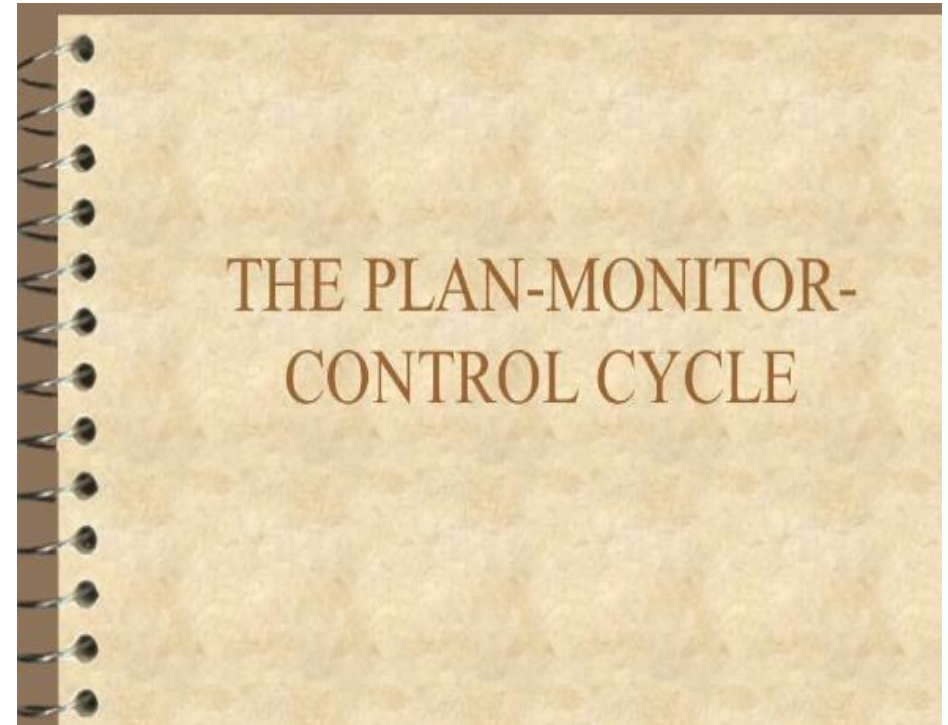
In order to manage for overall project success, control must be exercised at the detailed work level for each aspect of project performance or there is no guarantee that the desired changes will result.



The Plan-Monitor-Control Cycle cont.

The project plan is the primary document to guide the design of the monitoring system in terms of the detailed tasks and resources that need to be controlled in order for the project to achieve its time, cost, and output goals.

Common errors in setting up monitoring systems are monitoring easy measures instead of relevant measures, monitoring activity in place of results, monitoring inputs as alternatives for outputs, and monitoring measures that don't change from one period to the next.

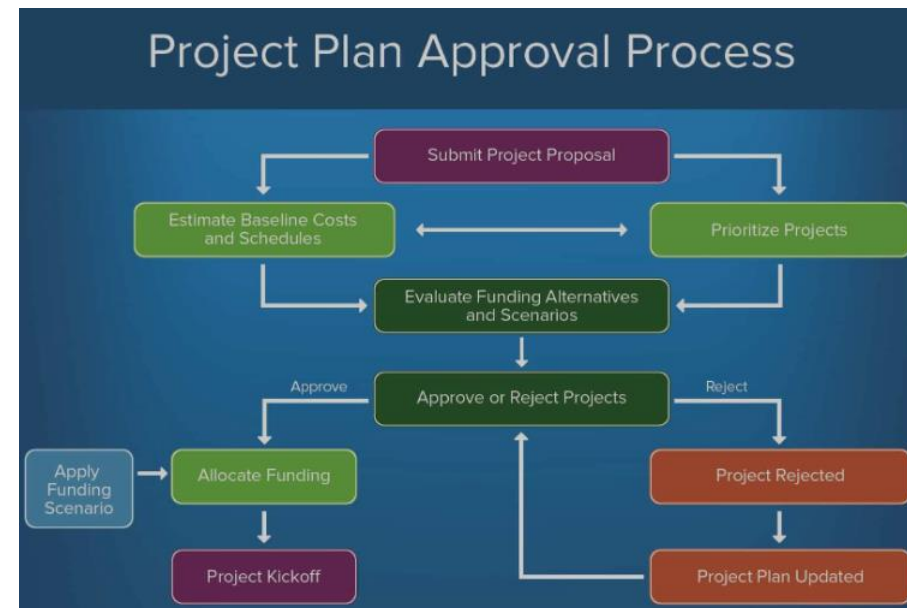


Getting the Project Plan Approved

Review the plan with key stakeholders

Project Plan must be approved

Must get Sign-off to get from Plan to
Action



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Data Collection and Reporting.

Data Collection and Reporting

Once we have decided on the type of data we want to monitor, the next question is how to collect these data and turn them into information useful for controlling the project. This is the activity of data collection and reporting.

Data Collection for Reporting

[LEARN MORE](#)

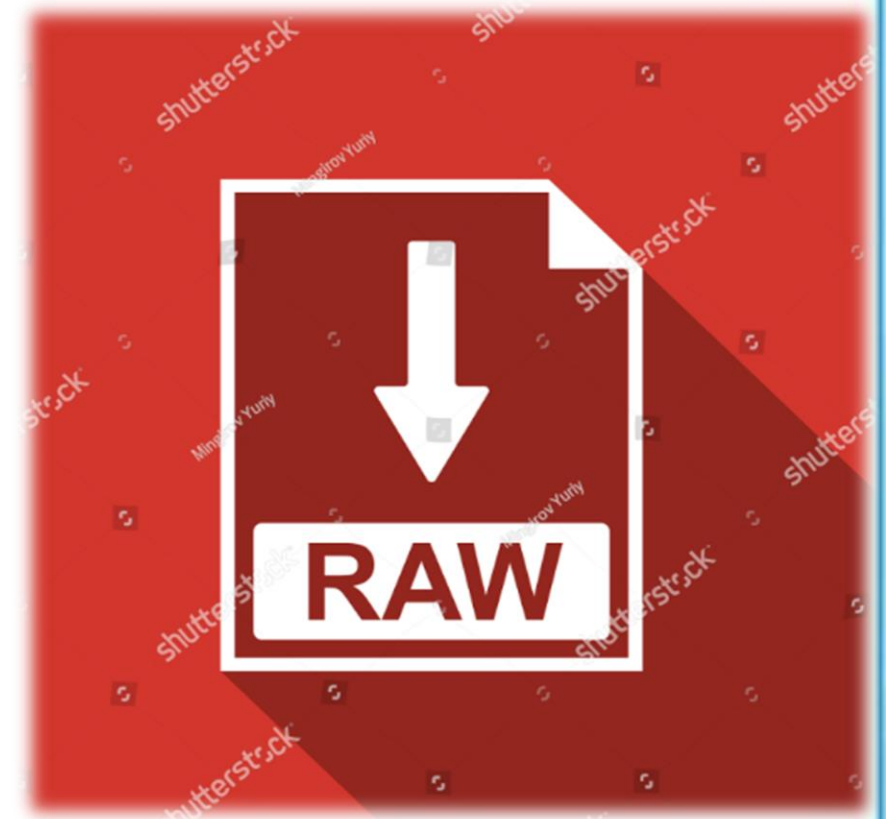
Data Collecting

The majority of data to be collected will eventually exist in one of the following five formats:

1. Frequency counts A simple tally of the occurrence of an event is common — for example, days without an accident. Often a count of events per time period or as a fraction of some standard number is used, such as complaints per month, defects per thousand products.

Value	Frequency
2	8
1	5
3	4
4	3

2. Raw numbers Actual amounts are used, usually in comparison to some expected or planned amount, such as dollars spent, hours required, and pounds consumed. The comparison to plan may take the form of variances, that is, differences between planned and actual, or ratios of one to the other. When collecting raw amounts it is important that the basis, time period, and collection process always be the same.



3. Subjective numeric ratings These are usually subjective estimates of some quality offered by specialists in the topic, such as ordinal “rankings” of performance. They can be reported in the same ways as raw numbers, but they often cannot be mathematically processed in the same ways raw numbers can.

Formats of Data

- Frequency Counts
- Raw Numbers
- Subjective Numeric Ratings
- Indicators and Surrogates
- Verbal Characterizations

4. Indicators and surrogates When it is especially difficult to find a direct measure of a variable, indicators or surrogates are frequently used instead. If this approach is taken, it is important that the indicator or surrogate be as directly related to the variable as possible. For example, body temperature is an indicator of infection and years of experience can be a surrogate for expertise.

Formats of Data

- Frequency Counts
- Raw Numbers
- Subjective Numeric Ratings
- Indicators and Surrogates
- Verbal Characterizations

5. Verbal characterizations Other variables that are difficult to measure, such as team spirit or client – supplier cooperation, may take the form of verbal characterizations. These forms of data are acceptable and useful as long as the terminology is limited and is uniformly understood by all parties.

Formats of Data

- Frequency Counts
- Raw Numbers
- Subjective Numeric Ratings
- Indicators and Surrogates
- Verbal Characterizations

Reporting and Report Types

- ❑ There are three distinct types of reports: **routine, exception, and special analysis:**

Exception reports are primarily intended for special decisions or unexpected situations in which affected team members and outside managers need to be made aware of a change, and the change itself needs to be documented.

Special analysis reports are prepared to disseminate the results of a special study in a project concerning a particular opportunity or problem for the project. They may be distributed to top management, other project managers who would benefit from the knowledge, functional managers, or anyone who might be affected or interested.

Types of report

Reporting and Report Types

In addition to the benefits of reports for the purposes of control, they offer these benefits.

1. They provide the mutual understanding between stakeholders in a project regarding the goals, progress, difficulties, successes, and other ongoing events of importance to the project.
2. They help communicate the need for coordination among those working on the tasks and subtasks of the project.
3. They establish and maintain a communication network for global projects.

Types of report

4. Reports can communicate changes in a timely and appropriate fashion, thus minimizing the confusion often encountered during such changes.
5. They help maintain the visibility of the project, and the project team, to top management, functional managers, colleagues, and clients.
6. Finally, status reports help keep the project team motivated.

Types of report

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**Talking about the Jadwa Cloud
tool.**

Introduction

Jadwa Cloud is a Saudi-made application specializing in preparing economic feasibility studies, and it is specifically geared towards the Saudi and Gulf markets.

Key Features

1. Regional Specialization:

- **Local databases:** Material prices, wages, and government requirements in Saudi Arabia and the Gulf countries.
- **Compliant:** with the regulations of the General Authority for Small and Medium Enterprises (Monsha'at).
- **Includes requirements for:** Municipal licenses, taxes, and social insurance.

2. Ease of Use:

- Smooth Arabic interface.
- Step-by-step instructions.
- No advanced financial expertise required.

3. Comprehensive Analysis:

- **Market Analysis:** Market size, competition, and target customers.
- **Technical Analysis:** Project needs for location, equipment, and labor.
- **Financial Analysis:** Comprehensive and detailed.
- **Risk Analysis:** With multiple scenarios.

4. Professional Outputs:

- Ready-made reports in PDF format.
- Automatically generated tables and graphs.
- Dynamic financial model.

5. Technical Support:

- Training and workshops.
- Regular updates.

Professional Usage Guide

Introductory Phase: Setup

Create an account on the Jadwa Cloud platform

Choose your project type: Service, Commercial, Industrial, Agricultural

Define the essential components:

- Project Name
- Geographic Location
- Target Audience
- Expected Capital

جدوى كلاود
Jadwa Cloud

اطلب استشارة مجانية

الدخول إلى نظام جدوى بلس

دراسات جدوى معتمدة
التقييم المالي
الجلسات الاستشارية
الاتصال بالدعم
استئلة متكررة
سياسة الخصوصية
الشروط والأحكام

شركة الجدوى لتقنية المعلومات،
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الشريك الاستراتيجي مكتب ابتكار القيمة
للاستشارات، جميع الدراسات المعتمدة
من المكتب معتمدة من وزارة التجارة
والاستثمار ومعتمدة من جمعية AASBC
الدولية

دراسة جدوى فورية بالذكاء الاصطناعي
جربها مجاناً

قم بإدخال معلومات مشروعك لبدء إعداد الدراسة

إسم المشروع

اختر القطاع

المملكة العربية السعودية

الرياض

هل يوجد قرض

وصف فكرة المشروع

إبدأ الآن

✂ Professional Usage Guide

Phase 1: Market Research

Market Analysis:

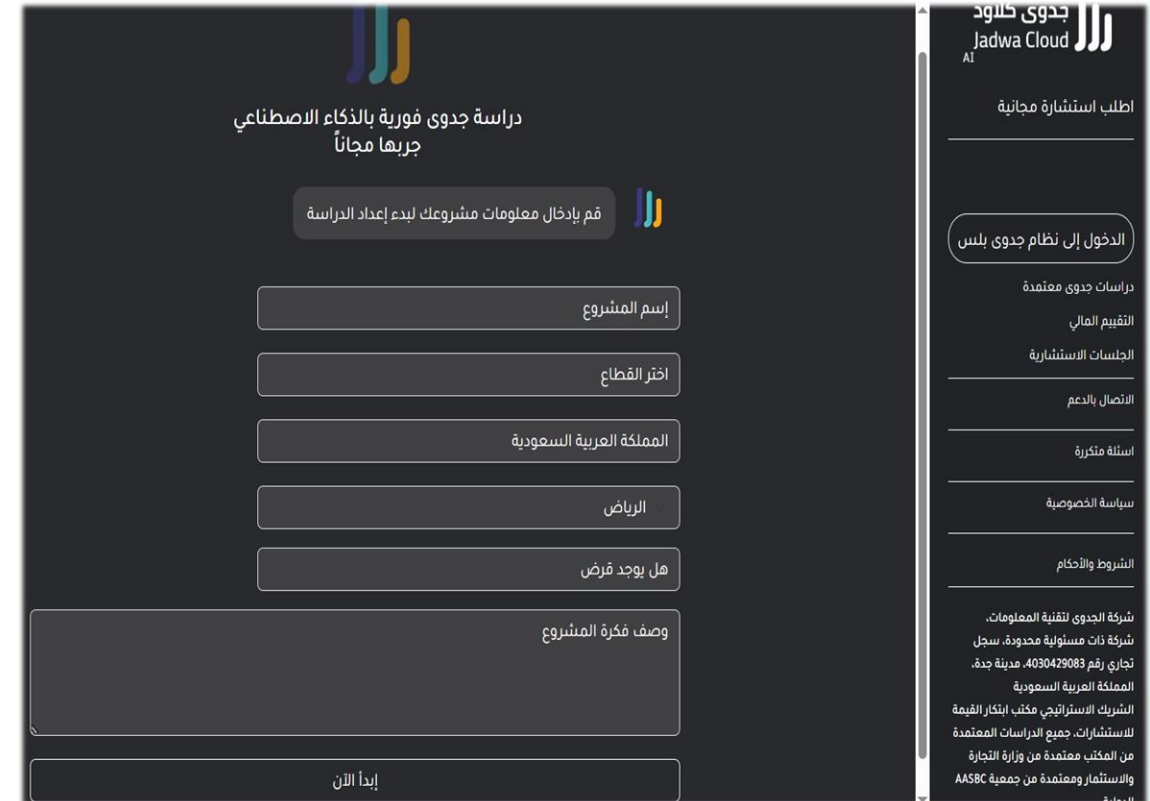
Market Size → Competitors → Your
Projected Share

Customer Identification:

- Demographic Groups
- Purchase Patterns
- Marketing Channels

Competition:

- Identify Direct and Indirect Competitors
- Analyze Their Strengths and Weaknesses



✂ Professional Usage Guide

Phase Two: Technical Study

Operational Requirements:

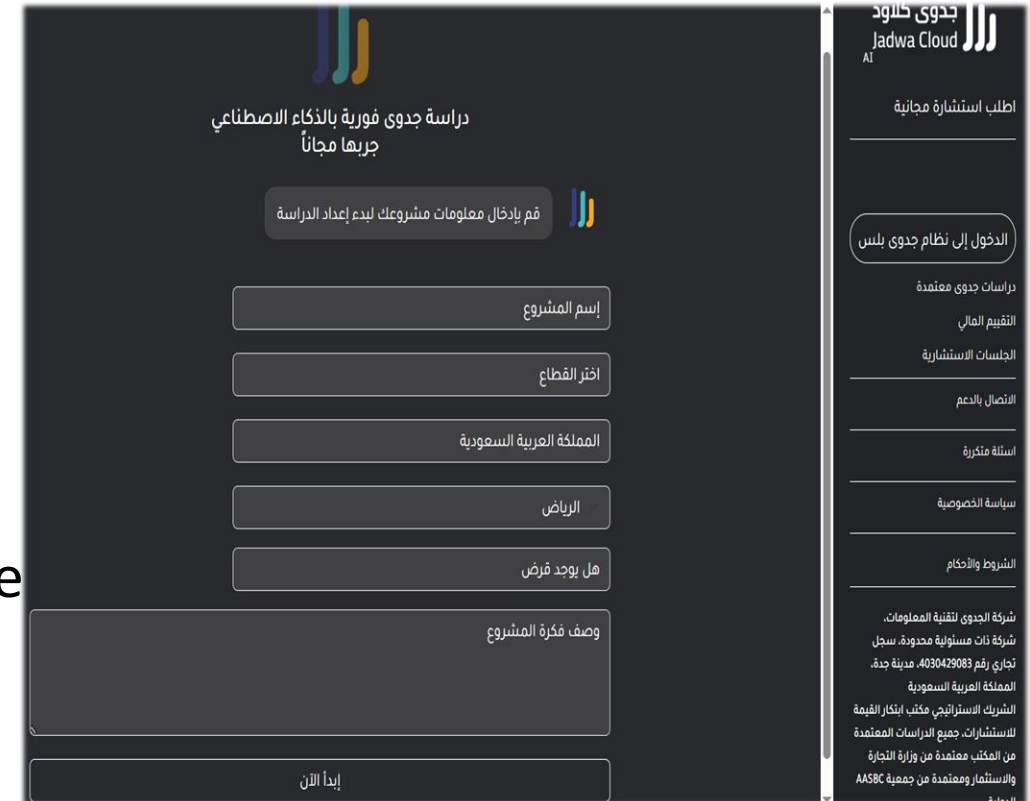
- Location and Area
- Interior Design
- Licenses and Approvals

Equipment and Fixtures:

- Detailed Equipment List
- Supply Sources
- Depreciation and Amortization Schedule

Human Resources:

- Organizational Structure
- Number of Employees
- Salaries and Benefits



جدوى كلاود
Jadwa Cloud

اطلب استشارة مجانية

الدخول إلى نظام جدوى بلس

دراسات جدوى معتمدة

التقييم المالي

الجلسات الاستشارية

الاتصال بالدعم

اسئلة متكررة

سياسة الخصوصية

الشروط والأحكام

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الرياض

هل يوجد قرض

وصف فكرة المشروع

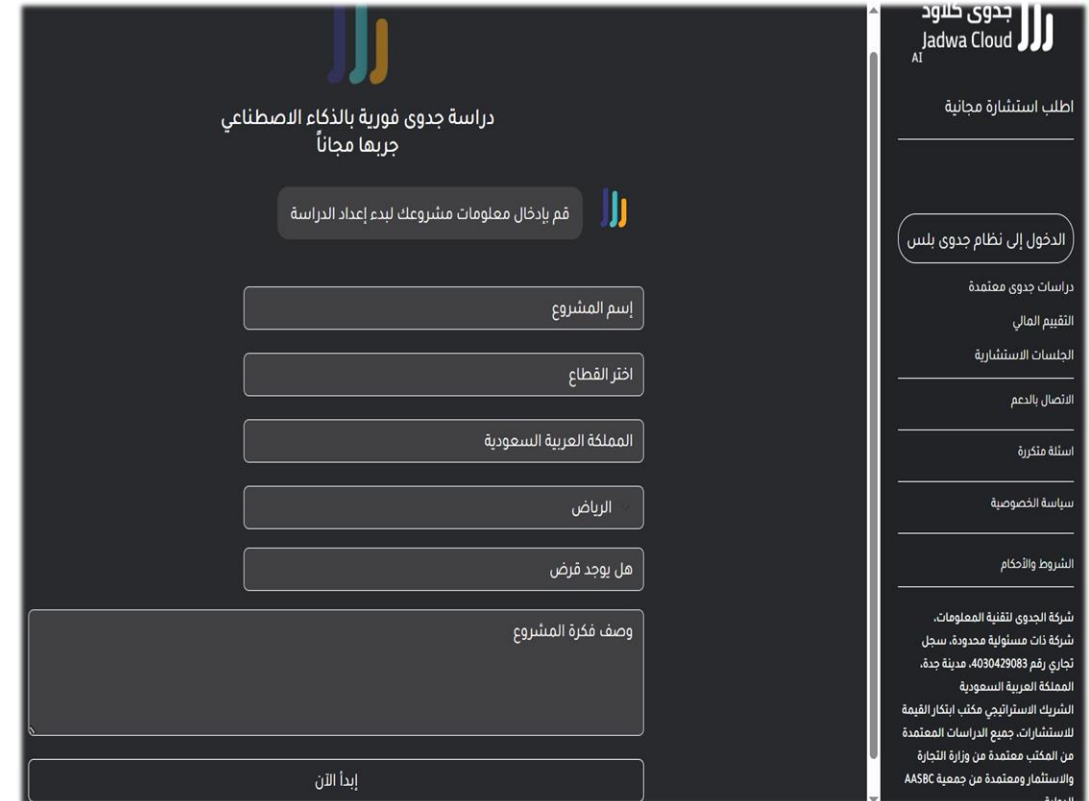
إبدأ الآن

🔧 Professional Usage Guide

Phase Three: Financial Analysis (Most Important)

Expected Revenue:

- Sales Volume × Unit Price = Monthly/Annual Revenue
- Costs: Capital Expenses: (Equipment, Furniture, Licenses)
- Operating Expenses: (Rent, Salaries, Bills)
- Variable Costs: (Raw Materials, Commissions)



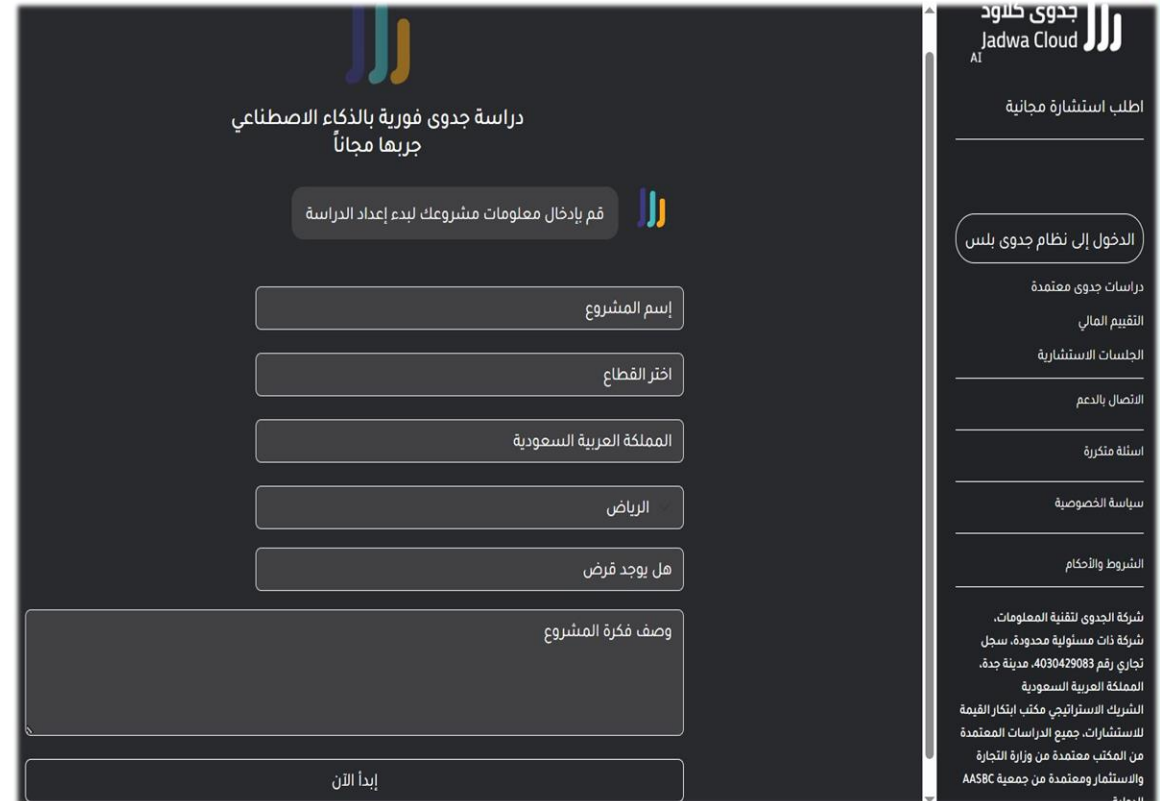
⚡ Professional Usage Guide

Financing:

- Equivalent Capital
- Loans (If applicable)
- Grace Period and Interest Rate

Financial Modeling:

- Income Statement: For a period of 3-5 years
- Cash Flow: Monthly and Annually
- Balance Sheet



The screenshot displays the 'Jadwa Cloud AI' interface. The main heading is 'دراسة جدوى فورية بالذكاء الاصطناعي جربها مجاناً' (Free AI Business Plan Study, Try it for free). Below this is a form with several input fields and a button:

- Input field: 'قم بإدخال معلومات مشروعك لبدء إعداد الدراسة' (Enter your project information to start preparing the study)
- Input field: 'إسم المشروع' (Project Name)
- Input field: 'اختر القطاع' (Select Sector)
- Input field: 'المملكة العربية السعودية' (Saudi Arabia)
- Input field: 'الرياض' (Riyadh)
- Input field: 'هل يوجد قرض' (Is there a loan?)
- Input field: 'وصف فكرة المشروع' (Describe the project idea)
- Button: 'إبدأ الآن' (Start Now)

On the right side, there is a sidebar with the following links:

- اطلب استشارة مجانية (Request free consultation)
- الدخول إلى نظام جدوى بلس (Login to Jadwa Plus system)
- دراسات جدوى معتمدة (Approved business plans)
- التقييم المالي (Financial evaluation)
- الجلسات الاستشارية (Consulting sessions)
- الاتصال بالدعم (Contact support)
- استئلة متكررة (Frequently asked questions)
- سياسة الخصوصية (Privacy policy)
- الشروط والأحكام (Terms and conditions)

At the bottom of the sidebar, there is a disclaimer in Arabic:

شركة الجدوى لتقنية المعلومات، شركة ذات مسؤولية محدودة، سجل تجاري رقم 4030429083، مدينة جدة، المملكة العربية السعودية الشريك الاستراتيجي مكتب ابتكار القيمة للاستشارات، جميع الدراسات المعتمدة من المكتب معتمدة من وزارة التجارة والاستثمار ومعتمدة من جمعية AASBC التجارية.

✂ Professional Usage Guide

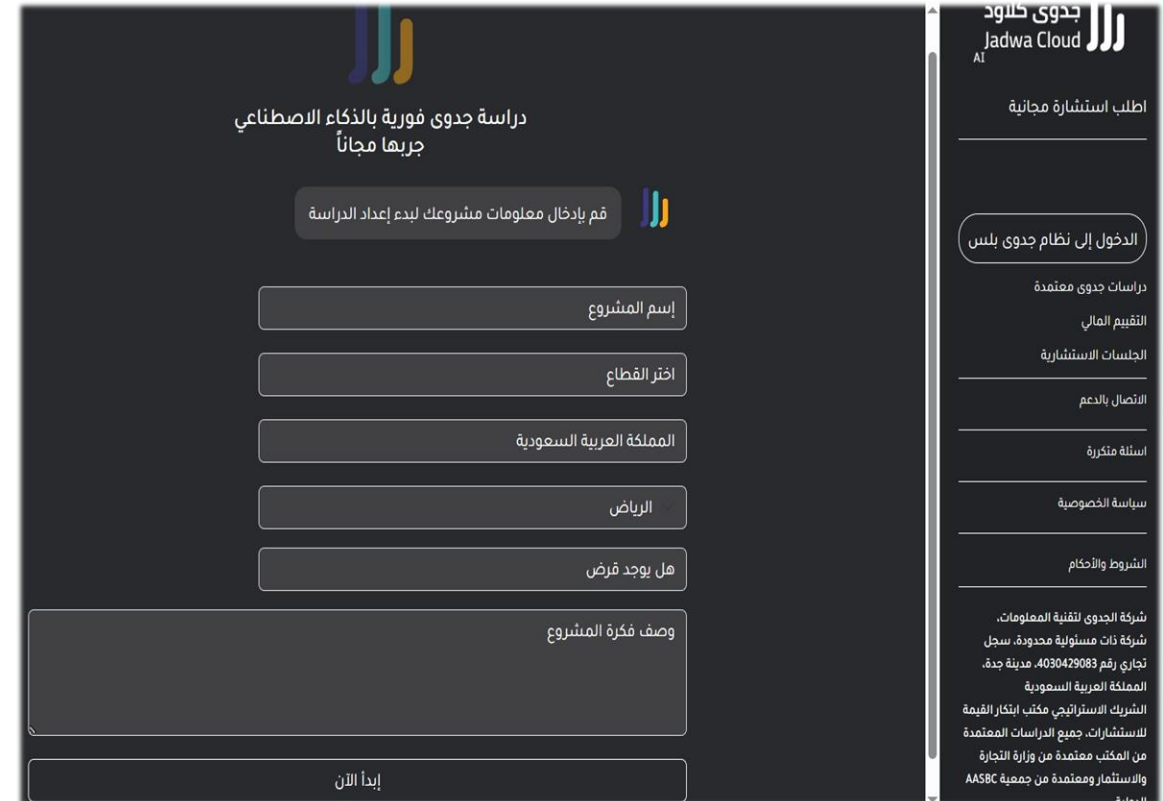
Phase Four: Risk Analysis

Risk Identification:

- Market, Operational, Financial
- Probability of Occurrence and Impact

Contingency Plans:

- Alternatives to the Pessimistic Scenario
- Preventive Measures



The screenshot shows the 'Jadwa Cloud AI' interface for a risk analysis phase. The main heading is 'دراسة جدوى فورية بالذكاء الاصطناعي جربها مجاناً' (Free AI Business Plan Analysis, Try it for free). Below this is a form with several input fields and a large text area:

- قم بإدخال معلومات مشروعك لبدء إعداد الدراسة (Enter your project information to start preparing the study)
- إسم المشروع (Project Name)
- اختر القطاع (Select Sector)
- المملكة العربية السعودية (Saudi Arabia)
- الرياض (Riyadh)
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- دراسات جدوى معتمدة (Certified Business Plans)
- التقييم المالي (Financial Evaluation)
- الجلسات الاستشارية (Consulting Sessions)
- الاتصال بالدعم (Contact Support)
- استئلة متكررة (Frequently Asked Questions)
- سياسة الخصوصية (Privacy Policy)
- الشروط والأحكام (Terms and Conditions)

At the bottom of the sidebar, there is a block of text in Arabic providing information about the company and its services.

✂ Professional Usage Guide

Phase Five: Final Report

Complete Data Review

- Export the Report in PDF Format
- Submit the Report to the Relevant Authorities

جدوى كلاود
Jadwa Cloud
AI

اطلب استشارة مجانية

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دراسات جدوى معتمدة
التقييم المالي
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الرياض

هل يوجد قرض

وصف فكرة المشروع

إبدأ الآن

Lecture

10

Getting acquainted with the Process.st platform.

Introduction

It is a process management tool designed to manage workflows and streamline processes. It features ChatGPT-powered technology that automates project tasks and increases efficiency.



✂ Using Process Street for Feasibility Studies

Template: Comprehensive Feasibility Study

1. Preliminary Analysis

- Project Idea Definition
- Initial Feasibility Analysis
- Proceeding or Stopping Decision

2. Market Study

- Target Market Size
- Competitor Analysis
- Customer Study
- Expected Market Share Determination



✂ Using Process Street for Feasibility Studies

3. Technical Study

- Operational Requirements
- Required Technology
- Human Resources
- Timeline

4. Financial Study

- Cost Estimation
- Revenue Estimation
- Cash Flow Analysis
- Calculation of Feasibility Indicators



✂ Using Process Street for Feasibility Studies

5. Risk Analysis

- Risk Identification
- Probability and Impact Assessment
- Mitigation Plan Development

6. Final Report

- Summarization of Findings
- Writing of Recommendations



The Complete Project Management Cycle via Process.st

Phase 1: Initiation

- Define Project Scope
- Identify Stakeholders
- Conduct Initial Feasibility Analysis
- Create Project Charter



The Complete Project Management Cycle via Process.st

Phase 2: Planning

- Detail Project Scope (WBS)
- Develop Schedule
- Budget Planning
- Risk Management Plan
- Communication Plan



The Complete Project Management Cycle via Process.st

Phase 3: Execution

- Daily Stand-up Meeting Checklist
- Weekly Project Status Review
- Quality Assurance Checks
- Change Request Process

Phase 4: Monitoring and Controlling

- Project Performance Review
- Risk Monitoring Checklist
- Budget vs. Actual Analysis
- Stakeholder Communication Log



The Complete Project Management Cycle via Process.st

Phase 5: Closure

- Delivery of Final Deliverables
- Evaluate Project Performance
- Lessons Learned
- Archive Project Documentation



The best features of Process.st:

- Create workflows with tasks, due dates, assignments, and more in seconds
- Automate task creation to make completing workflows easy
- Collaborate with task assignments, comments, and file attachments in real time







Thank You