

## DYNAMIC WEBSITE REQUIREMENTS

### WEBSITES REQUIREMENTS FOR SPML

#### HANNAN UDDIN

IT MANAGER

[hannan@spml.com.sa](mailto:hannan@spml.com.sa)

SAUDI PREPARED MEDIA LABORATORY CO, LTD

PO Box 2751, Riyadh 11461 - Kingdom of Saudi Arabia

### Introduction

Saudi Prepared Media Laboratory Co, Ltd was established in 1984 in Riyadh to meet the Saudi Arabian Markets needs for commercially available Pre-Prepared Culture Medium in the form of Agar Plates, Tubed and Bottle Media. In the 30 plus years the company has been operation SPML has established a leading brand in the market place with a reputation for quality media and a service formatted to meet our customer needs.

Saudi Prepared Media Laboratory. Requires an Dynamic websites to representation of our company, inform customers about our company's activities, about the scope of activities, products we offered, send the news to visitors, get customer feedback, building convenient and efficient communication with customers and attract new customers using online advertising.

## DEVELOPMENT AND IMPLIMENTATION REQUIREMENTS

The development needs to be conducted in a formal and managed manner with a detailed Requirements agreement and a well-managed and formalized implementation program will strong remote site support in the understanding of SPML requirements and the development and implementation of the websites to meet those needs.

Once established and operational there would need to be a Trail phase to test the websites and verify operational capability of the websites to perform correctly with a validation of operational capability once approved.

| Homepage              | Products   | News | Contact Us | About Us |
|-----------------------|--|------|------------|----------|
| <b>Websites Pages</b> | <ol style="list-style-type: none"> <li>1. Homepage</li> <li>2. Products</li> <li>3. News</li> <li>4. Contact Us</li> <li>5. About Us</li> </ol>  |      |            |          |
| <b>Admin</b>          | <p>Able to login web site as a admin</p> <p>Add company products</p> <ul style="list-style-type: none"> <li>Products name</li> <li>Products code</li> <li>Product description</li> <li>Category <ul style="list-style-type: none"> <li>Products category</li> <li>Industrial use</li> </ul> </li> <li>Products attachment</li> <li>Products image</li> </ul> <p>Add company news</p> <ul style="list-style-type: none"> <li>Images</li> <li>Headline</li> <li>Description</li> </ul> <p>Receipt order, email, inquiry</p> <p>Reply order, email, inquiry</p> |      |            |          |
| <b>Visitor access</b> | <p>Homepage</p> <p>About Us</p> <p>Contact details</p> <p>Products</p> <ul style="list-style-type: none"> <li>Products name</li> <li>products category</li> <li>products code</li> <li>Product description</li> <li>download products attachment</li> <li>products image</li> <li>order products</li> <li>search analysis certificate</li> <li>search products</li> </ul> <p>read company news</p> <p>contact us (required name, company name, email, phone, address, inquiry)</p>   |      |            |          |

|                  |   |
|------------------|---|
| Company customer | Customer can login<br>Request for quotation<br>Receipt Quotation<br>Confirmed order |
|------------------|---|

|                    |  |
|--------------------|--|
| 1. <b>Homepage</b> | Company logo<br>Images slide<br>Welcome msg<br>Products catalog in pdf<br>list of products categories and industrial list<br>Products search<br>Qc certificate search<br>Social media link<br>Google map link<br>Company address |
|--------------------|--|


**Spml**  
Saudi prepared media laboratory limited company

[Homepage](#)
[Our Products](#)
[News](#)
[Contact Us](#)
[About Us](#)

**Product catalog**  




1, 2, 3, 4

**Product-Industry**

- Clinical
- Cosmetic
- Dairy
- Food & Beverage
- Veterinary
- Water & Wastewater

**Our Products**

- Agar Plates
- Bi Agar Plates 90mm
- Agar Plates 150mm
- Tubed Media
- Bottled Media
- Blood Products
- Antibiotic Discs
- ATCC-Microbiologic
- Petroleum


**Greetings and Welcome to our website:**  

Saudi Prepared Media Laboratory Company Ltd was established in 1984 in Riyadh to meet the Saudi Arabian Markets needs for commercially available Pre Prepared Culture Medium in the form of Agar Plates, Tubed and Bottle Media. In the 30 plus years the company has been operation SPML has established a leading brand in the market place with a reputation for quality media and a service formatted to meet our customer needs. The range of media is designed to provide our customers with a one point source of their media requirements to support the media supply side of the business Saudi Prepared media has distribution agreements with a range of well recognized high quality European and US brands such as Ablek Biologicals Ltd UK Microbiologics - USA, CHROMagar - France and E&O laboratories Ltd UK to provide items such as ATCC Culture Strains, Range of high Quality affordable antibiotic Discs and Identification strips, the original chromogenic media range by the pioneer of Chromogenic Media and Quality blood based product range etc. all designed to provide our customers a complete and effective service. For further information please contact customer service and see how we can help you.

**Contact Us**  
P.O.Box 2751 , riyadh 11461 - Saudi Arabia  
Tel: +966 11 476 7931 , 4773697 , 4773752  
E-Mail: info@spml.com.sa FAX: 011 477 8313




|                 |                                  |  |
|-----------------|----------------------------------|--|
| 2. PRODUCT PAGE | Our Products<br>Product-Industry | Product-Industry<br>Clinical<br>Cosmetic<br>Dairy<br>Food & Beverage<br>Veterinary<br>Water & Wastewater<br><br>Our Products<br>Agar Plates<br>Bi Agar Plates 90mm<br>Agar Plates 150mm<br>Tubed Media<br>Bottled Media<br>Blood Products<br>Antibiotic Discs<br>ATCC-Microbiologic<br>Petroleum |
|-----------------|----------------------------------|--|



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**Product catalog**

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**Agar Plates**

Saudi Prepared Media Laboratory Co. Ltd supply a wide range of antibiotic discs (ATCC) distribution agreement with Acacia Biological partner in the UK to microbiology labor




**BACTERIC AGAR**

Selective medium extensively used in Clinical laboratory

**Intended use:** clinical water body

**Require this from:** instruction for use read more

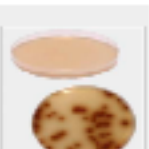


**BAIRD PARKER AGAR**

Baird Parker Agar is a selective and diagnostic medium *Streptococcus faecalis* in foods

**Intended use:** clinical cosmetic dairy food veterinary

**Require this from:** instruction for use read more



**BBL ATCC 10 AGAR**


BBL ATCC 10 Agar is recommended for the preservative ability to hydrolyze esculin. Due to presence of iron in medium dark brown to black colored colonies.


**Intended use:** clinical cosmetic dairy food veterinary


**Require this from:** instruction for use read more

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### News



#### What is Microbiology?

Microbiology is the study of microorganisms, those being unicellular, multicellular, or acellular. [more read](#)



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Microbiology is the study of microorganisms, those being unicellular, multicellular, or acellular. [more read](#)

### Product-Industry







- Clinical
- Cosmetics
- Dairy
- Food & Beverage
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### Our Products

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- Petri Agar Plates 90mm
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- Rolled Media
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- Petroleum

### Contact Us

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#### 4. **Contact Us**

Company Contact address

\* Contact Name: \* Company name: \* Email Address:  
Contact Phone Number Your Address: Postcode: \* Your  
Enquiry  
Google map




Saudi Prepared Media Laboratory Limited company

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**Product catalog**



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Please contact us using the form below, or please call or fax us on the numbers above.

\* Contact Name:

\* Company name:


\* Email/Address:

Contact Phone Number

Your Address:


\* Your Province:

Postcode:



**Our Customer Care team is dedicated to making sure that all your suggestions, complaints and any transaction issues are addressed and resolved promptly.**

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## 5. About Us

About Us  
Our Vision  
Quality Policy  
Q Certificates  
Our Partners



Saudi prepared media laboratory limited company

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[About Us](#)

### Product catalog



**Introduction to Saudi Prepared Media Laboratories**

Saudi Prepared Media Laboratory (SPML) is a wholly owned 100% Saudi owned and operated company, dedicated to providing a complete range of laboratory products, ready to use, manufactured in Saudi Arabia, to the local and international markets. SPML is a leading provider of laboratory products and services, offering a wide range of products and services, including:

- Agar Plates
- Agar Plates 90mm
- Agar Plates 150mm
- Tubed Media
- Bottled Media
- Blood Products
- Antibiotic Discs
- ATCC-Microbiologic
- Petroleum

SPML is committed to providing high quality products and services, ensuring that our customers receive the best possible results. We are proud to be a leading provider of laboratory products and services, and we look forward to serving our customers for many years to come.

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**Service**

We will provide friendly support and expert assistance, giving prompt answers to any and all questions.

**Quality**

We will supply reliable high quality products with a performance to meet your needs and expectations.

**Price**

We will offer value for money in competitive costs for a quality product.

**Delivery**

We strive to deliver our products on time, every time.

**Our Partners**

SPML is proud to be a leading provider of laboratory products and services, and we look forward to serving our customers for many years to come.

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## HARDWARE REQUIRMENTS

| Item      | Combined Web & Database Server (minimal) |
|-----------|--|
| Processor | 2 x 1,6 GHz CPU                          |
| RAM       | 8 GB RAM                                 |
| HDD       | 1x 40 GB of free space                   |

## SOFTWARE REQUIRMENTS

| Host Server Operating system | IIS version |
|------------------------------|-------------|
| Windows Server 2012 R2       | IIS 8.5     |

| Component                                | Notes                        |
|--|------------------------------|
| Microsoft .NET Framework 4.5             | Microsoft .NET Framework 4.5 |
| Microsoft SQL Server 2012 Service Pack 1 | Express                      |

| Client Operating system                  | Note                                |
|--|-------------------------------------|
| Microsoft Windows, MacOS, ubuntu desktop | IE, Chrome, Mozilla Firefox, Safari |

## SECURITY REQUIRMENTS

| Component                | Notes                       |
|--------------------------|-----------------------------|
| Web Application Firewall | Cyberoam Firewall Appliance |
| RAID5                    | Windows server              |
| Antivirus                | SEP                         |

## CONNECTIVITY REQUIRMENTS

| Component          | Notes                |
|--------------------|----------------------|
| Broadband Internet | ISP- Mobily fiber    |
| Port Forwarding    | 80, 8080             |
| Dynamic DNS        | spml.dyndns.org:8080 |

## SUMMARY

This document is to Development and Implementation of a Dynamic websites Based on the requirements needed for SPML websites.