**DAMG\_6210 || Team\_12 || Project\_4 || Huskies Payroll Management System.**

This document contains the implementation and usage of the following requirements that are related to the Huskies Payroll Management System project.

1. Triggers.
2. Stored Procedures.
3. Packages.
4. Functions.
5. TRIGGERS:

In our project, we have a table called JOBS which have the below attributes.

A screenshot of a computer

Description automatically generated

We have three types of BAND with values A, B and C. For Band A the corresponding Hourly\_Wage is 17, for Band B it is 16 and for Band C it is 15. Therefore we have set a trigger where the value of BAND triggers the value of Hourly\_wage.

Script “ 5.Trigger\_Band\_Value.sql “ has been uploaded and used to execute the same.

1. STORED\_PROCEDURES:

We have implemented couple of Stored procedures in our project. One of them is below, where a Student can check his Total pay by entering his NU\_ID and JOB\_ID.

Script “ 11.Stored\_Procedure\_Payroll\_Check.sql” has been uploaded.

Below is the output

A screenshot of a computer

Description automatically generated

1. PACKAGES.

We have created a Package where we have maintained the Stored Procedures to insert the records into few tables.

File Name “ 6.RECORDS\_PACKAGES.sql” is to create or compile the procedure.

File Name “ 7. Calling\_Procedures.sql” is to call the stored procedures in the above Package.

Below are the sample outputs

A computer screen shot of a computer program

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A screenshot of a computer program

Description automatically generated

1. FUNCTIONS:

We have a table called PAYROLL which has the below records in it.

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Description automatically generated

We have implemented a FUNCTION called “PREV\_PAYROLL\_STATUS\_CHECK” where it will check the PREV\_PAYROLL\_STATUS. If the Value is N, then it will return a message 'Contact your supervisor for previous settlement', else if its Y, no action taken.

File name 🡪 “ 10.FUNCTION\_ PREV\_PAYROLL\_STATUS\_CHECK “ has been uploaded.

Below is the sample output.

A screenshot of a computer error

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