BOT checking part 1

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| No | Description |
| 1 | Earning 3356vnd should change to Earning 3,356vnd |
| 2 | If no data inserted (due to invalid value) then should add “ – **KHÔNG NHẬP**” to the end of the result  If all data inserted , then should add “ – **Đã nhập toàn bộ**” after earning value  If part of data inserted , then should add “ – **Đã nhập một phần**” after earning value |
| 3 | If current quantity + total recorded quantity of one job is over allowed amount, then should accept the balance = allowed amouunt – total recorded quantity – current quantity  Right now, bot is rejecting all.  For example:  NV027, 19968A, 444/900  Correct result shoule be:  NV027: 0k, 19968A: ok, 444/900:161, earning value calculated based on 161 |
| 4 | Some over quantity text do not get respond  NV027, 19969A, 538/36, 539/100, 541/2000 : this not get respond  NV027, 19969A, 538/36, 539/100, 541/20 : this will get respond |
| 5 | Non capitalized staff id should be accepted and be capitalized  Example: nv027 should be OK |
| 6 | If some job quantities are OK, then should still enter those jobs.  Example:  NV027: ok, 19968A: ok, 440/78: ok, 441/41: ok, 442/70: ok, 443/50: ok, 444/7300: 161 ,- Earning: 0vnd  Above text should have some earning because some jobs has valid quantity |
| 7 | Replace error message  **Message format is incorrect use eg. AB\*\*\*,\*\*\*\*\*C,\*\*\*/\*\*\*,\*\*\*/\*\*\***  With below lines:  **Em không hiểu.Hãy gửi lại tin nhắn theo mẫu này: Mã\_Nhân\_Viên, Mã\_Sản\_Phẩm, MãCĐ1/SốLượng1,MãCĐ2/SL2, MãCĐ3/SL3 ….**  **Ví dụ**  **NV000, 1111A, 11111/222, 3333/444, 5555/666** |
| 8 | Replace “Earning:” with “Lương sản phẩm đã nhập: ” |
| 9 | Remove all the \_SPACE\_ from text before processing so below text is acceptable:  NV 034, 19933A, 443/83 |
| 10 | If last character on the right of the text is comma, then can trim it so below text is acceptable:  **NV034, 19968A, 443/8,** |
| 11 | Should reduced max allowed quantity of job after inserting |
| 12 | If one jobid is wrong, should mention “đã nhập một phần” – meaning partially inserted. Right now , bot still say “đã nhập toàn bộ” – meaning all are inserted. |
| 13 | Text with double commas get ignored. Should return with correct suggestion. |
| 14 | Should not have case where no result at all because users may try to keep sending text several times. For example, this text has no result return:  NV027, 20010A, 1336/1, 1337/17, 1339.15 |
| 15 | This text has no respond: NV034, 20007A, 1131, 1132, 1133/2 |
| 16 | Job1047 has very big earning result (nv063, 20010A, 1047/88  Result is: 7,425.000,000,000,001vnd |
| 17 | Bot sending wrong result if 2 users send update for same staff ID |
| 18 | Need to find a way to “approve” an user before accepting text |
| 19 | Need to fin a way to “dis-approve” an user if staff leave company |

Adding 2 more values to end of result:

1. Calculate the total earning of staff of the month

*SELECT sum(Pieceraterecord.quantity \* (Qtcnchitiet.thoigian+Qtcnchitiet.tgthaotac)\*Qtcnchitiet.heso\*sys\_labourcostpersecond) as* ***monthearning*** *;*

*FROM ezgm!pieceraterecord INNER JOIN ezgm!qtcnchitiet ;*

*ON Pieceraterecord.stepcode = Qtcnchitiet.row\_id ;*

*LEFT OUTER JOIN epl ON epl.epl\_id == Pieceraterecord.worker ;*

*WHERE Pieceraterecord.date >=* ***first\_date\_of\_month*** *AND Pieceraterecord.date <=* ***Current\_date*** *;*

*AND Pieceraterecord.worker =* ***current\_staff\_id***

After getting the amount, pls add this text: “Tổng lương SP trong tháng” ***monthearning vnd***

1. *Calculate total earning of staff of the current style:*

*SELECT sum(Pieceraterecord.quantity \* (Qtcnchitiet.thoigian+Qtcnchitiet.tgthaotac)\*Qtcnchitiet.heso\*sys\_labourcostpersecond) as* ***styleearning*** *;*

*FROM ezgm!pieceraterecord INNER JOIN ezgm!qtcnchitiet ;*

*ON Pieceraterecord.stepcode = Qtcnchitiet.row\_id ;*

*LEFT OUTER JOIN epl ON epl.epl\_id == Pieceraterecord.worker ;*

*WHERE Pieceraterecord.worker =* ***Current\_Staff\_id*** *;*

*AND Qtcnchitiet.stl\_id* ***= current\_style\_id***

After getting the amount, pls add this text: “Tổng lương SP của mã hàng ” ***styleearning******vnd***

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| Field from user | Table / Column | Verification Rule |
| Staff ID | Epl.epl\_id | Staff ID has to be valid and exist  Staff id has to match one of epl\_id |
| Product ID | Gmstyle.stl\_id  Samples: 19968A , 20029A | ProductID has to be valid and exist  Product ID has to match one of Stl\_id |
| Job ID | Qtcnchitiet.Row\_ID | A job is valid if its ID + current ProductID match an existing combination  Job\_Id + Product\_ID has to match one of the combination Qtcnchitiet.Row\_ID + Qtcnchitiet.Stl\_ID  Sample data:  Product 20029A has jobids: 723,724,725,726,727  Product 19968A: 434,435,436,437,438 |
| Current\_Quantity |  | Total recorded quantities should not exceed the total alllowed quantity of a job.  Total\_allowed\_qty = gmstyle.rqrqty \* qtcnchitiet.Sochitiet  Total\_recorded\_quantities= Current\_Quantity + Sum(pieceraterecord.quantity) where pieceraterecord.stepcode = JobID and pieceraterecord.c1 = product\_id |
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Inserting valid quantity into table: piecerate record

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| --- | --- | --- |
| Field name | Description | Related data from user chat text |
| Rowid | Unique keyfield , should be incremental | Not mention, need to find the last value, increase it then add suffix “bot”  For example, if the last number in the table is 1234, then new number is 1235bot  Or the best way is to find the last number recorded in the system table SEZGDGK.DBF to calculate the next number and then store the latest number in the systemtable. |
| Company | Current company that run the app | Leave blank |
| Factory | Current factory that run the app | Leave blank |
| Date | Current date | Not mentioned, just = today |
| Worker | Staff ID | Staff ID |
| Stepcode |  | Job ID |
| Step number | Spare field | Leave blank |
| Quantity | Quantity of the job id that user send | Job ID |
| C1 | Product ID | Product ID |
|  |  |  |

SQL:

\*Get the last keyvalue, increase 1, then store the that value to system table

tmprow = SEZGDGK1("PIECERATE")

\* If everything is correct, then insert values into piecerate record table

INSERT INTO pieceraterecord (rowid,date,worker,stepcode,quantity,c1) ;

VALUES (tmprow,\_today\_, current\_staff\_id, current\_job\_id ,validated\_quantity, current\_product\_id )

**Earning calculation**: **summary of quantity of each job entered** x **allowed timing (second)** x **standard cost per second** x **adjustment ratio based on order quantity** x **adjustment ration based on machine used**.

1. *Quantity entered:* pieceraterecord.quantity *Allowed timing:* qtcnchitiet.thoigian+ qtcnchitiet.tgthaotac+ qtcnchitiet.tgsuahang
2. *standard cost per second :* company.lbcostpersec
3. *adjustment ratio based on order quantity:* gmstyle.smv\_rate
4. *adjustment ration based on machine used:* qtcnchitiet.heso

So , earning amount for one job is: a \* b \* c \* d \* e