Generate Report to Excel

declare

application ole2.obj\_type;

workbooks ole2.obj\_type;

workbook ole2.obj\_type;

worksheets ole2.obj\_type;

worksheet ole2.obj\_type;

cell ole2.obj\_type;

arglist ole2.list\_type;

row\_num number;

col\_num number;

row\_width number;

fontObj ole2.obj\_type;

cursor DRUGSUM is SELECT D\_NO, NAME, COST, QUANTITY, (COST \* QUANTITY) AS PRICE FROM DRUG;

cursor DIAGSUM is SELECT FIRST\_NAME, LAST\_NAME, D\_NO, D\_DATE FROM DIAGSUM;

cursor PESUM IS SELECT FIRST\_NAME, LAST\_NAME, PE\_NO, PE\_DATE FROM PESUM;

CURSOR PCSUM IS SELECT FIRST\_NAME, LAST\_NAME, PC\_NO, PC\_DATE FROM PCSUM;

procedure SetCellValue(rowid number,colid number,cellValue varchar) is

begin

arglist := ole2.create\_arglist;

ole2.add\_arg(arglist,rowid);

ole2.add\_arg(arglist,colid);

cell:= ole2.get\_obj\_property(worksheet,'Cells',arglist);

--row\_width := ole2.get\_obj\_property(worksheet,'WIDTH',arglist);

fontObj := ole2.get\_obj\_property(cell,'Font');

ole2.destroy\_arglist(arglist);

ole2.set\_property(cell,'value',cellValue);

ole2.set\_property(fontObj,'Size',7);

ole2.set\_property(fontObj,'',1); --<- ADD STYLER

ole2.set\_property(fontObj,'ColorIndex',1); --SET 1 FOR BLACK

ole2.release\_obj(cell);

end SetCellValue;

procedure app\_init is

begin

application := ole2.create\_obj('Excel.Application');

ole2.set\_property(application,'Visible',true);

workbooks := ole2.get\_obj\_property(application,'workbooks');

workbook := ole2.invoke\_obj(workbooks,'add');

worksheets := ole2.get\_obj\_property(application,'worksheets');

worksheet := ole2.invoke\_obj(worksheets,'add');

ole2.set\_property(worksheet,'Name','DRUG SHEET');

end app\_init;

procedure save\_excel(path varchar,filename varchar) is

begin

OLE2.Release\_Obj(worksheet);

OLE2.Release\_Obj(worksheets);

-- Save the Excel file created

If path is not null then

Arglist := OLE2.Create\_Arglist;

OLE2.Add\_Arg(Arglist,path||'\'||file\_name||'.xls');

OLE2.Invoke(workbook, 'SaveAs', Arglist);

OLE2.Destroy\_Arglist(Arglist);

end if;

end save\_excel;

BEGIN

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IF :DB\_HOMEPAGE.LST\_GENERATE= 'A' THEN

MESSAGE ('Physical Exam Summary');

app\_init;

row\_num:=1;

col\_num:=1;

SetCellValue(row\_num,col\_num,'GIVEN NAME');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'FAMILY NAME');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'PE\_NO');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'DATE');

for i in PESUM loop

row\_num:=row\_num + 1;

col\_num:=1;

SetCellValue(row\_num,col\_num,i.first\_name);

col\_num:=2;

SetCellValue(row\_num,col\_num,i.last\_name);

col\_num:=3;

SetCellValue(row\_num,col\_num,i.PE\_NO);

col\_num:=4;

SetCellValue(row\_num,col\_num,i.PE\_DATE);

end loop;

save\_excel('d:\excel\_export','emp\_data');

OLE2.Release\_Obj(workbook);

OLE2.Release\_Obj(workbooks);

OLE2.Release\_Obj(application);

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ELSIF :DB\_HOMEPAGE.LST\_GENERATE= 'B' THEN

MESSAGE ('Personal Consultation Summary');

app\_init;

row\_num:=1;

col\_num:=1;

SetCellValue(row\_num,col\_num,'FIRST');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'LAST');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'PC\_NO');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'DATE');

for i in PCSUM loop

row\_num:=row\_num + 1;

col\_num:=1;

SetCellValue(row\_num,col\_num,i.first\_name);

col\_num:=2;

SetCellValue(row\_num,col\_num,i.last\_name);

col\_num:=3;

SetCellValue(row\_num,col\_num,i.PC\_NO);

col\_num:=4;

SetCellValue(row\_num,col\_num,i.PC\_DATE);

end loop;

save\_excel('d:\excel\_export','emp\_data');

OLE2.Release\_Obj(workbook);

OLE2.Release\_Obj(workbooks);

OLE2.Release\_Obj(application);

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ELSIF :DB\_HOMEPAGE.LST\_GENERATE= 'C' THEN

MESSAGE ('Diagnosis Summary');

app\_init;

row\_num:=1;

col\_num:=1;

SetCellValue(row\_num,col\_num,'GIVEN NAME');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'FAMILY NAME');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'D NO');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'DATE');

for i in DIAGSUM loop

row\_num:=row\_num + 1;

col\_num:=1;

SetCellValue(row\_num,col\_num,i.first\_name);

col\_num:=2;

SetCellValue(row\_num,col\_num,i.last\_name);

col\_num:=3;

SetCellValue(row\_num,col\_num,i.D\_NO);

col\_num:=4;

SetCellValue(row\_num,col\_num,i.D\_DATE);

end loop;

save\_excel('d:\excel\_export','emp\_data');

OLE2.Release\_Obj(workbook);

OLE2.Release\_Obj(workbooks);

OLE2.Release\_Obj(application);

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ELSIF :DB\_HOMEPAGE.LST\_GENERATE= 'D' THEN

MESSAGE ('Drug Use Summary');

app\_init;

row\_num:=1;

col\_num:=1;

SetCellValue(row\_num,col\_num,'DRUG NO.');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'NAME');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'COST');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'QUANTITY');

col\_num:=col\_num + 1;

SetCellValue(row\_num,col\_num,'PRICE');

for i in DRUGSUM loop

row\_num:=row\_num + 1;

col\_num:=1;

SetCellValue(row\_num,col\_num,i.d\_no);

col\_num:=2;

SetCellValue(row\_num,col\_num,i.name);

col\_num:=3;

SetCellValue(row\_num,col\_num,i.cost);

col\_num:=4;

SetCellValue(row\_num,col\_num,i.quantity);

col\_num:=5;

SetCellValue(row\_num,col\_num,i.quantity \* i.cost);

end loop;

save\_excel('d:\excel\_export','emp\_data');

OLE2.Release\_Obj(workbook);

OLE2.Release\_Obj(workbooks);

OLE2.Release\_Obj(application);

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ELSE

MESSAGE('PLEASE SELECT A REPORT THAT YOU WANT TO GENERATE');

END IF;

END;

This will allow the excel generation by means of using the ALO2.