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Module: Introduction to Computing (ICG511S)

Assignment: Assignment 1

Group: 46

Lecturer: Mr. Steven Tjiraso

Defining Problem

Input	Process	Output
"AyeshaManager"	Welcome to AyeshaBeauty	"Display Introduction Message Welcome to AyeshaBeautyCreation"
"AyeshaManager"	History of the AyeshaBeauty	"Display image for products + Map"
"AyeshaManager"	Description the information on the Product that is being Manufactured	"Display the productCosmetics''
"AyeshaManager"	Description of the processes of the Manufacturer	''Display the Product Distribution channel''

“AyeshaManager and IT Technical ”	Description of the recruitment	“Display the HumanResource’’
“AyeshaManager’’	Description of the handling the finance	“Display the Finance Department’’
’’AyeshaManager”	Description of the Documentation in the database”	’’Display the Management databased”
’’Ayesha IT Technical”	Description of the Installation programs	“ Display the Install on Programs images”

Program Representation (Pseudocode)

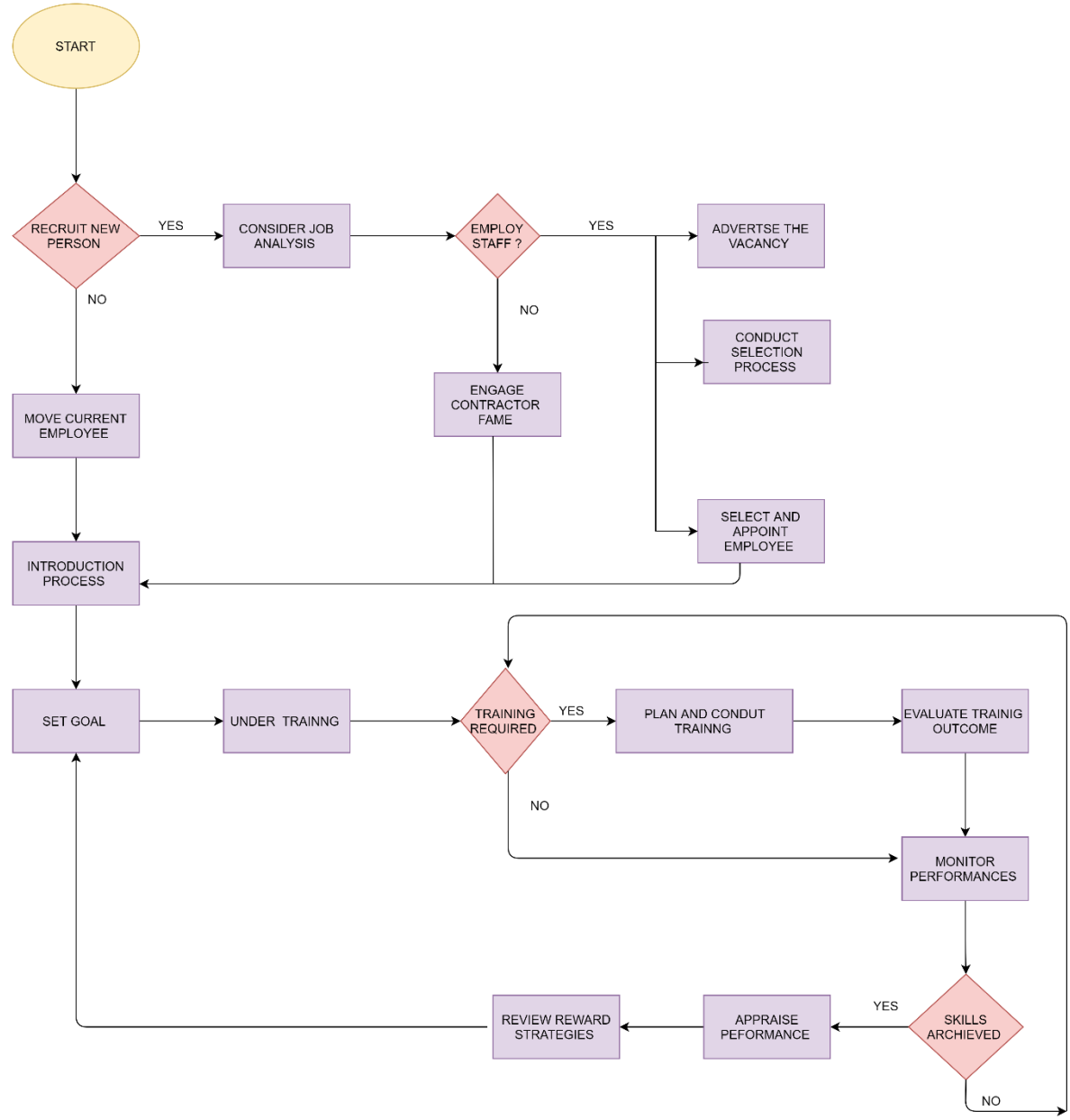
```
 START
      Input Prompt for Products(){
IF products=”Natural_Hair” /// Soft Hair, Thick Hair, Relax
    Print available
Else
   If product=”Body_Product” /// Shea Butter, Coconut,
      “Display Print_Available”
Else
      IF products=”Poor_Quality”
    Display “Print Poor Hair”
     ENDIF
   ENDIF
ENDIF
   Read product Record
  ENDDO
Print Total_ Products /// 100,
}
END
```

```
START
Prompt for Employee details(){
   If Employee details= “Current_ Employee” /// 258968,258684,65594
 Display “Print_Move”
}
Else
If employees detail= “New_Employees” (){ /// name,ID
Display Print_Recruit
}
Else
 If employees Details ()= ”Training_Required”
   Display Print Plan and Conduct_training
ELSE
    If employees detail=”Training_Not_Required”
  Display Print_Shift
     ENDIF
   ENDIF
 ENDIF
END
```

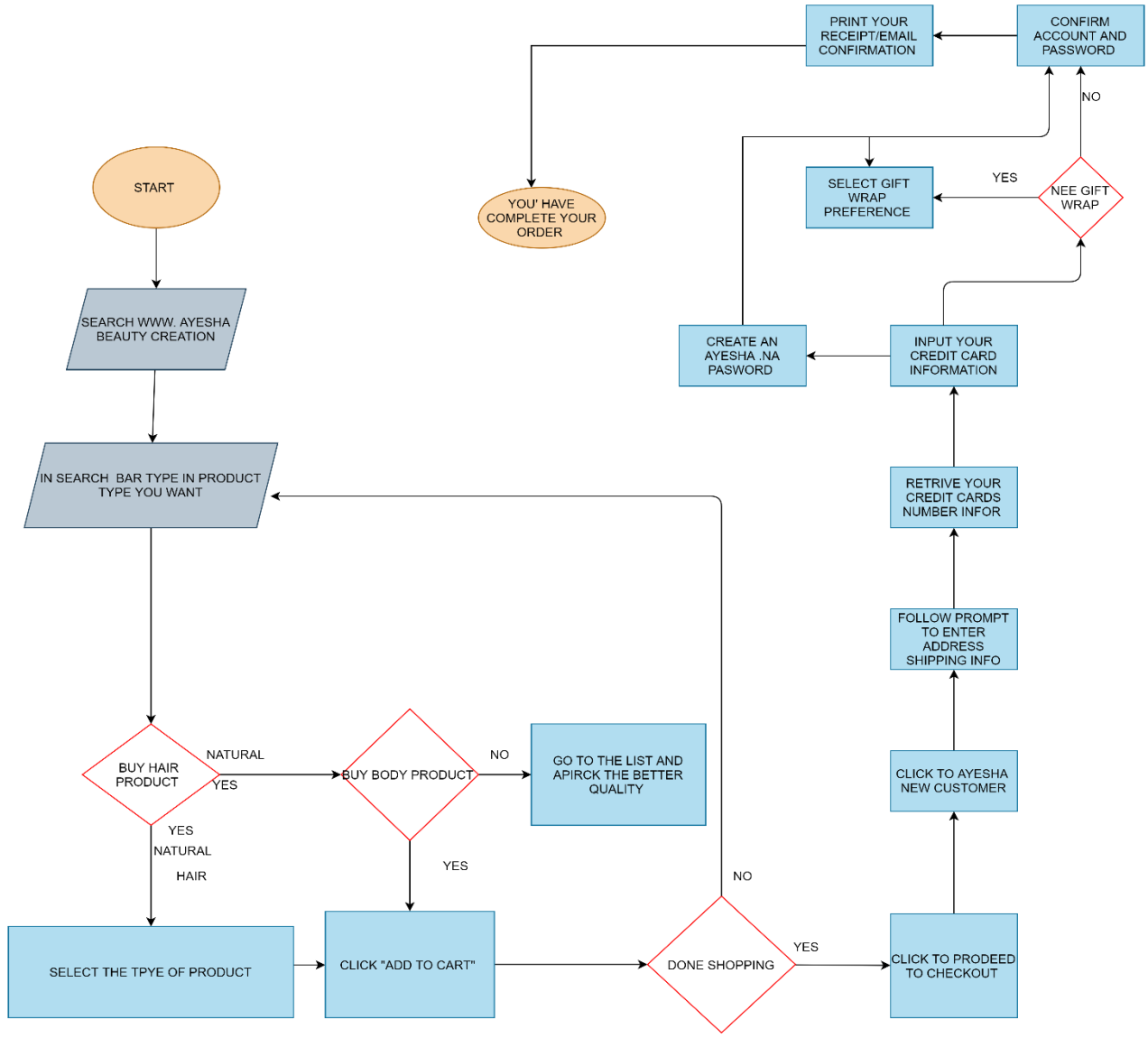
```
START
Prompt Devices App
Android, IOS
   If ()Android {
 Display Download_App Ayesha_Beauty
Else ()IOS
  Display Download_App Ayesha_Beauty
}
If (Sim1=Sim2) than
   “Display Register Sim1”
  Else
If (Sim2=Sim1)() than
   “Display Register Sim2”
If (Language=English) {
  “Display Read English”
Else
  (Language=Other)
   “Display Not Read”
}
     ENDIF
    ENDIF
 ENDIF
END
```

Flowchart

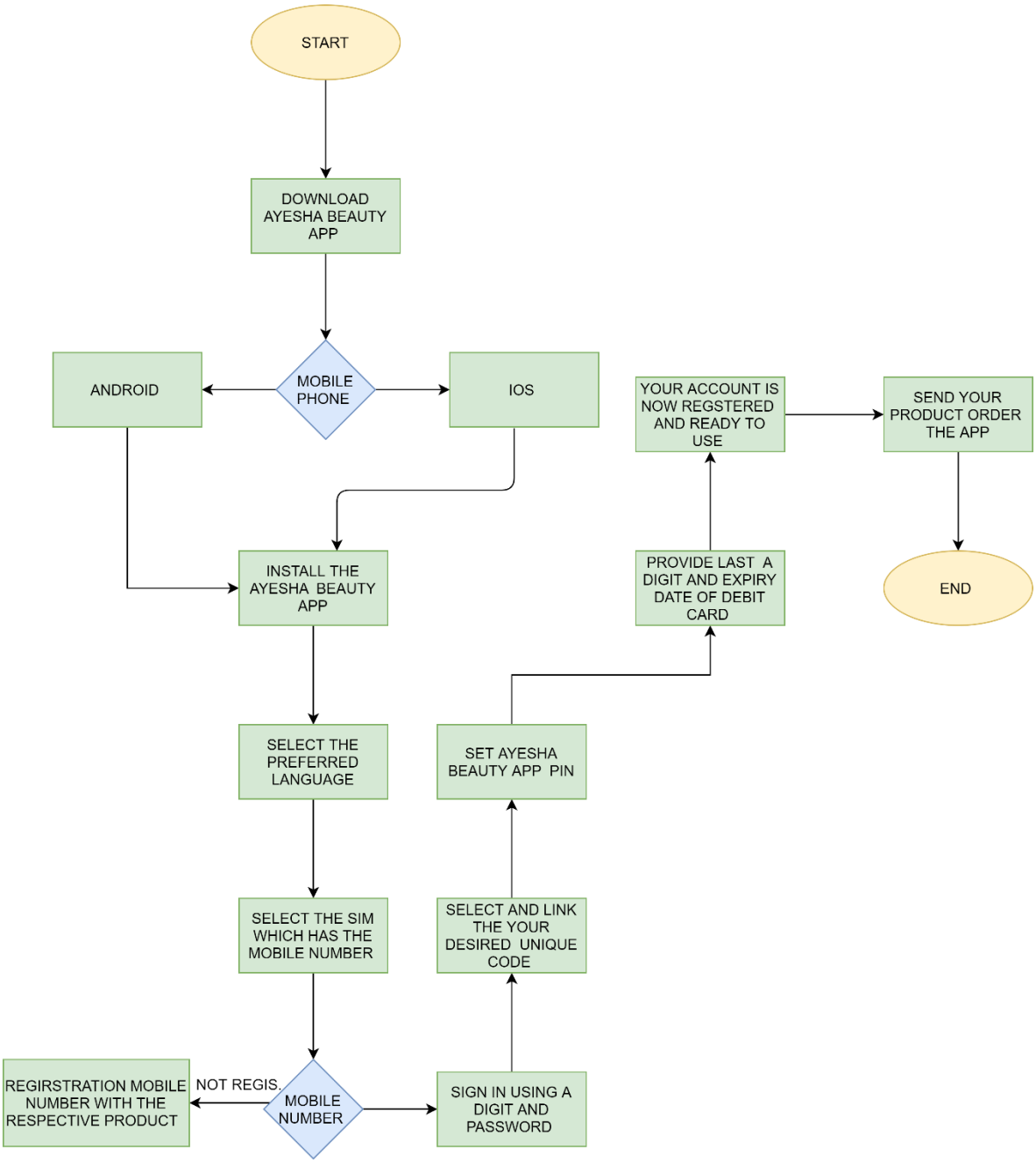
1) STAFF FOR AYESHA BEUATTY CREATION



2) PRODUCT ORDER FROM AYESHA BEAUTY CREATION



3. AYESHA MOBILE APP



Modules

1. **Staff ()**

   Staff_ID
   Staff_No

2. **Product()**

   Product _Name
   Product_ Label
   Product_ Code

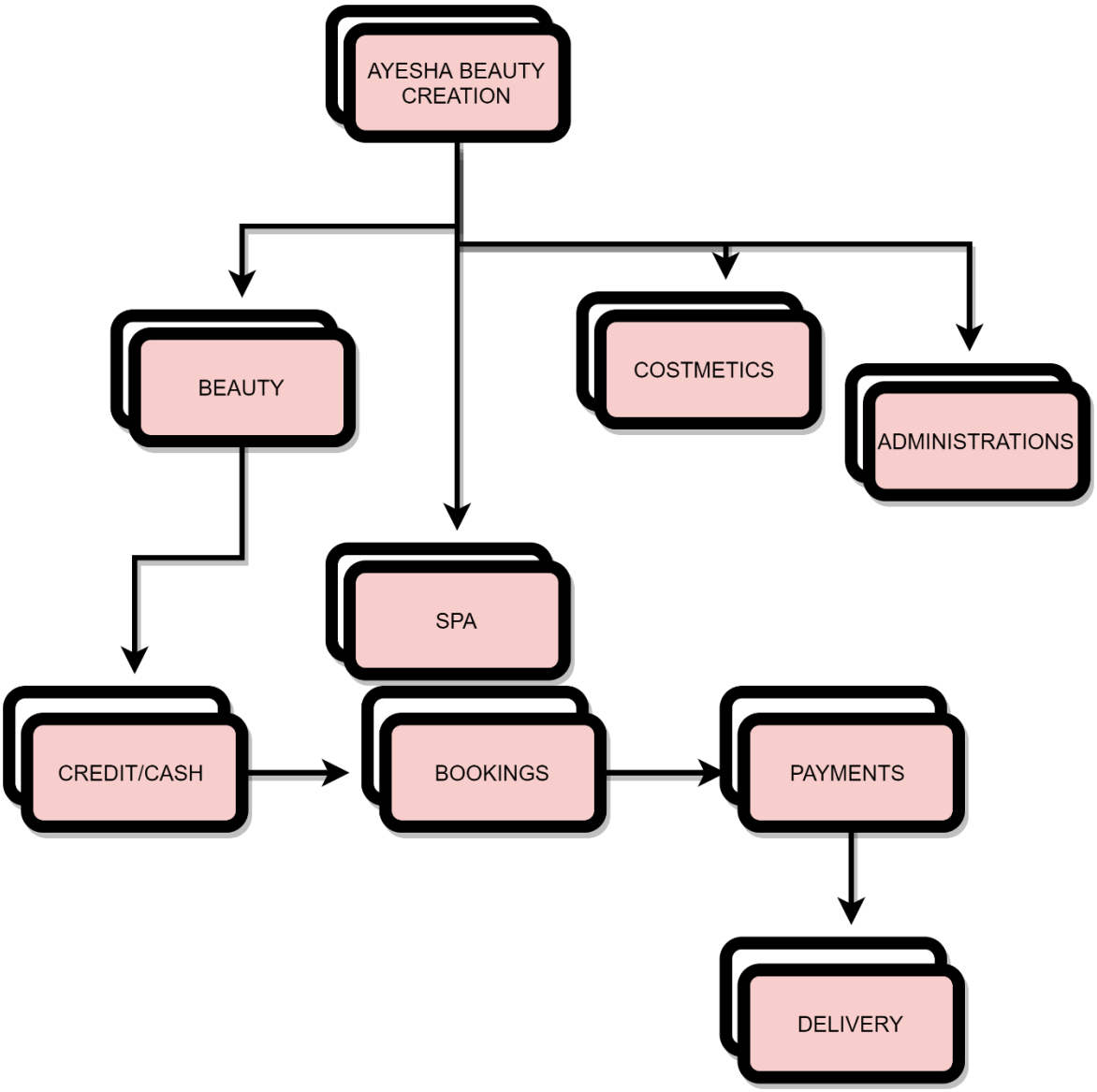
3. **Customers ()**

   Customer_Name
   Customer_ ID
   Booking_Date

4. **Computers()**

   Booking

   Customer_ Infor (KYC)

   Delivery_address

Menu of Ayesha Beauty Creation