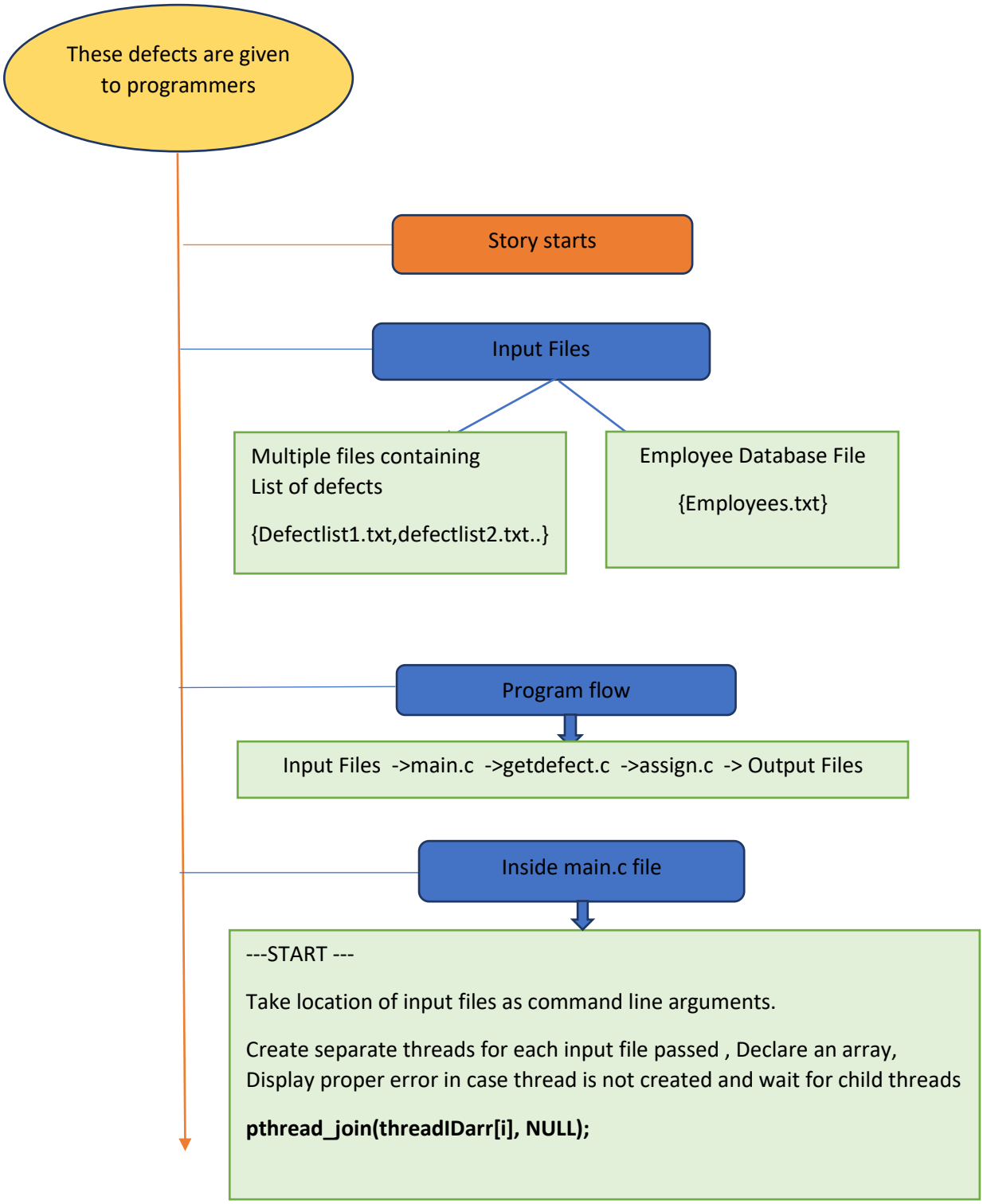
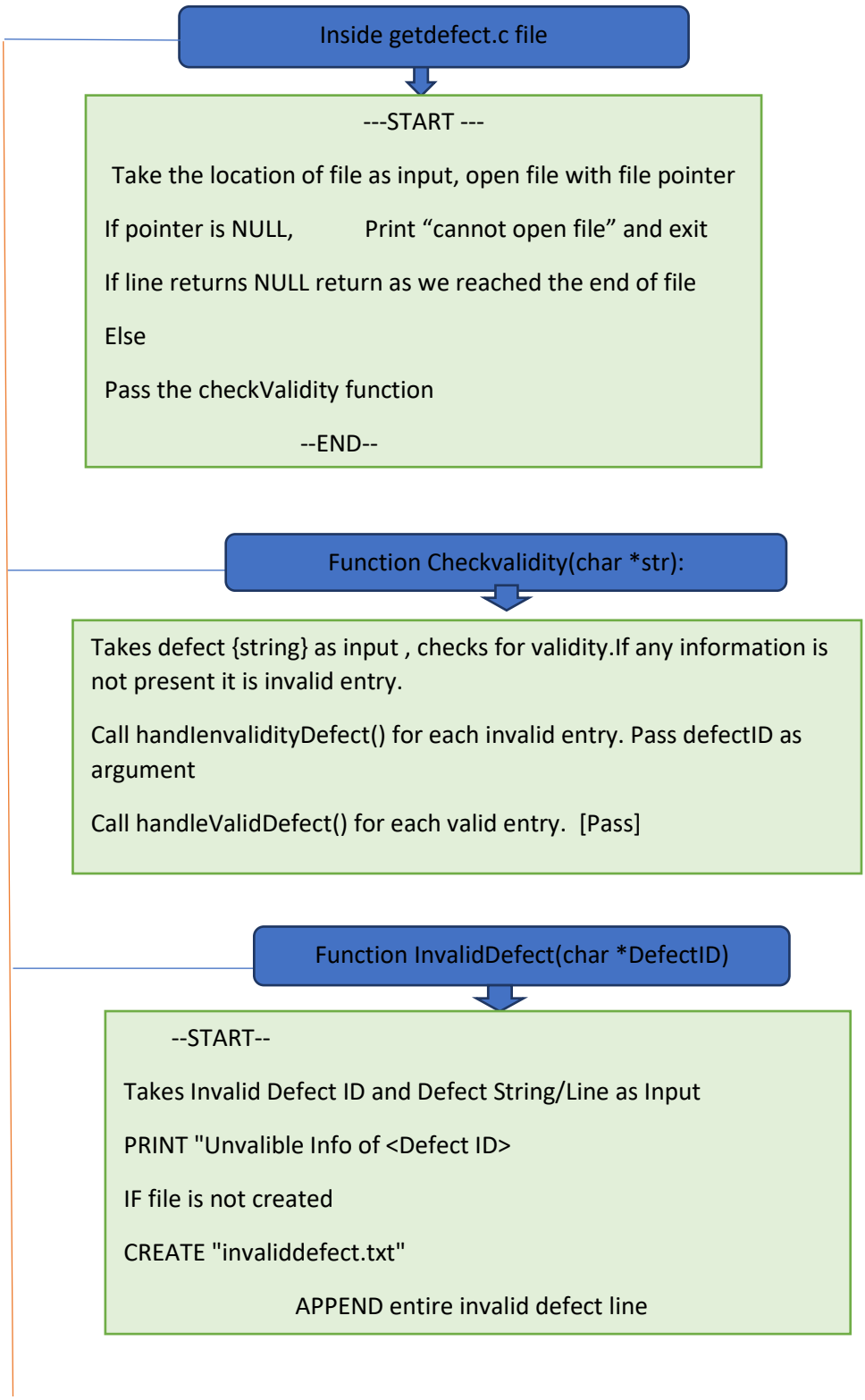
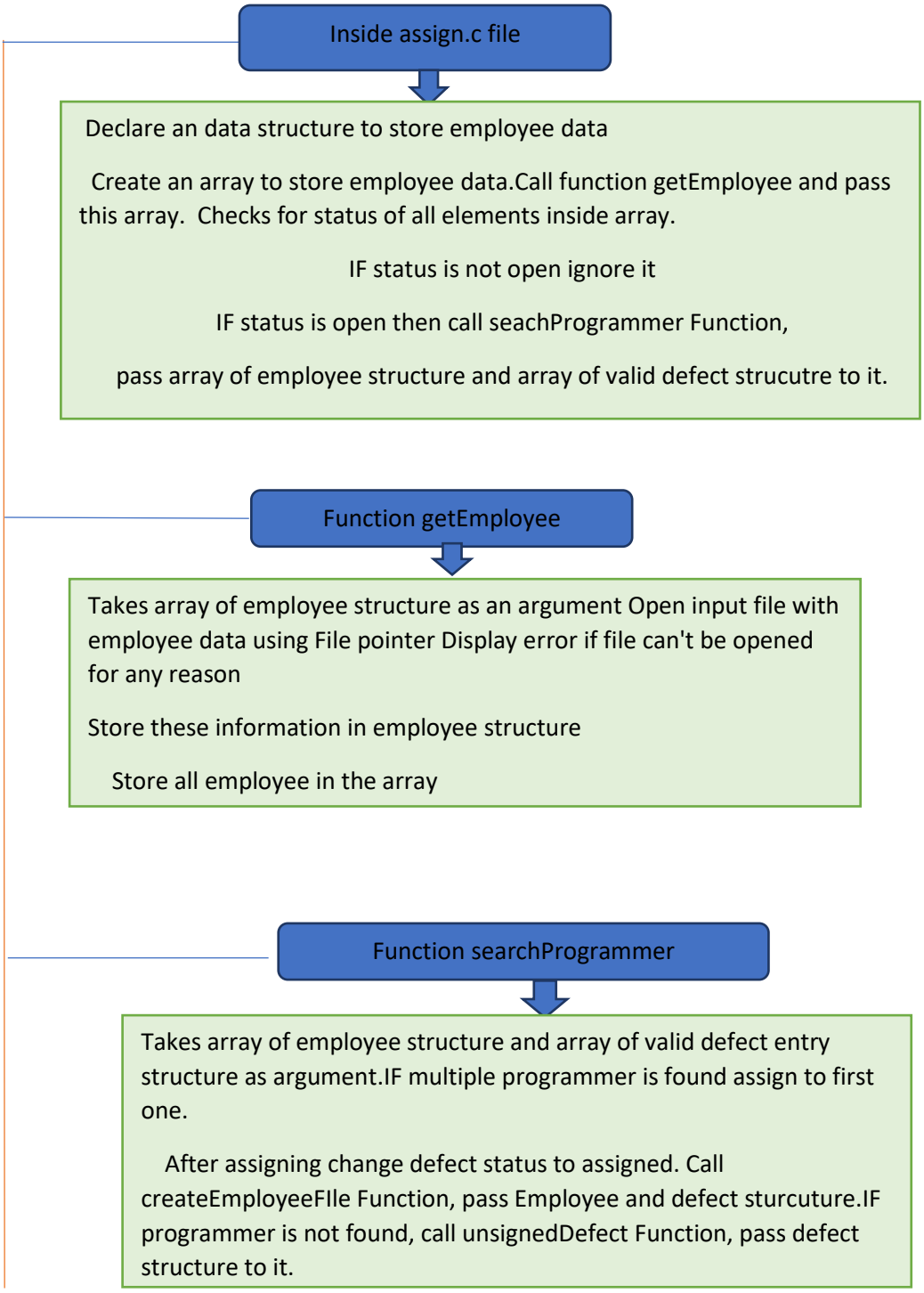
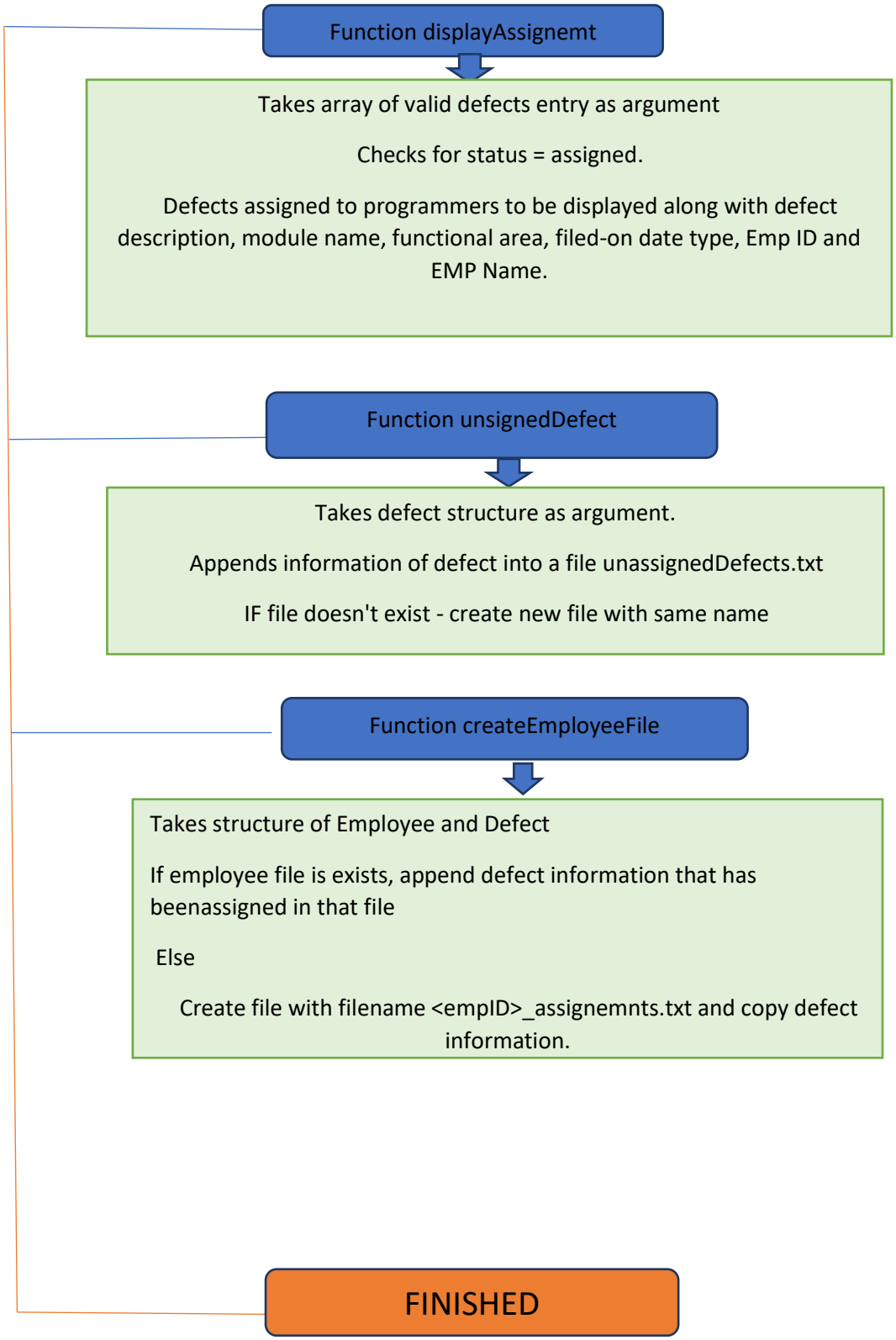
PROJECT SPRINT1 GROUP-3

STORY:*The story is about describing that the clients of software development company report defects in software they purchased*




Inside getdefect.c file
---START ---
Take the location of file as input, open file with file pointer
If pointer is NULL, Print “cannot open file” and exit
If line returns NULL return as we reached the end of file
Else
Pass the checkValidity function
--END--
Function Checkvalidity(char *str):
Takes defect {string} as input , checks for validity.If any information is not present it is invalid entry.
Call handlenvalidityDefect() for each invalid entry. Pass defectID as argument
Call handleValidDefect() for each valid entry. [Pass]
Function InvalidDefect(char *DefectID)
--START--
Takes Invalid Defect ID and Defect String/Line as Input
PRINT "Unvalible Info of <Defect ID>
IF file is not created
CREATE "invaliddefect.txt"
APPEND entire invalid defect line


Inside assign.c file
Declare an data structure to store employee data
Create an array to store employee data.Call function getEmployee and pass this array. Checks for status of all elements inside array.
IF status is not open ignore it
IF status is open then call seachProgrammer Function,
pass array of employee structure and array of valid defect strucutre to it.
Function getEmployee
Takes array of employee structure as an argument Open input file with employee data using File pointer Display error if file can't be opened for any reason
Store these information in employee structure
Store all employee in the array
Function searchProgrammer
Takes array of employee structure and array of valid defect entry structure as argument.IF multiple programmer is found assign to first one.
After assigning change defect status to assigned. Call createEmployeeFIle Function, pass Employee and defect sturcuture.IF programmer is not found, call unsignedDefect Function, pass defect structure to it.


Function displayAssignemt
Takes array of valid defects entry as argument
Checks for status = assigned.
Defects assigned to programmers to be displayed along with defect description, module name, functional area, filed-on date type, Emp ID and EMP Name.
Function unsignedDefect
Takes defect structure as argument.
Appends information of defect into a file unassignedDefects.txt
IF file doesn't exist - create new file with same name
Function createEmployeeFile
Takes structure of Employee and Defect
If employee file is exists, append defect information that has beenassigned in that file
Else
Create file with filename <empID>_assignemnts.txt and copy defect information.
FINISHED