

FUNCTIONAL REQUIREMENTS

Requirement# 1 **Requirement Type:** Type 9 **PUC:** 1

Description: Product shall warn that application is incomplete if there are missing documents

Rationale: This is to help applicant avoid unintentionally submitting an incomplete file

Originator: Justin Kleinfall

Fit Criterion: Each requested file upload section shall have a document uploaded to it, else warning is triggered

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 2 **Requirement Type:** Type 9 **PUC:** 1

Description: Product shall display notification of submission status (success or fail)

Rationale: This is to give applicant the assurance that their application was submitted without any error

Originator: Justin Kleinfall

Fit Criterion: Notification appears indicating submission status

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: Low

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 3 **Requirement Type:** Type 9 **PUC:** 1

Description: Product shall log time and date of submission

Rationale: This is to confirm that applicant submitted their application during business hours since information from Habitat for humanity states that “completed applications will be accepted during business hours on a “first come, first served” basis”

Originator: Justin Kleinfall

Fit Criterion: Time shall be consistent with standard set time

Customer Satisfaction: 3/5

Customer Dissatisfaction: 2/5

Priority: Normal

Conflicts: None

Supporting Materials: "Download an Application." Pensacola Habitat for Humanity. N.p., 17 Apr. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/download-an-application/>>

History: Created April 14th 2017

Requirement# 4 Requirement Type: Type 9 PUC: 1

Description: Product shall allow Habitat Management to view/edit homebuyer application

Rationale: This allows management to make necessary changes if there's an error on application or if after contacting applicant for clarification, certain information needs correction

Originator: Justin Kleinfall

Fit Criterion: Management shall be able to access application and any changes made shall be evident

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 5 Requirement Type: Type 9 PUC: 1

Description: Product shall allow Habitat management to accept/reject application

Rationale: Management needs to be able to indicate whether an applicant qualifies or not

Originator: Justin Kleinfall

Fit Criterion: Access to choosing location and home amenities is granted to applicant based on decision

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 6 Requirement Type: Type 9 PUC: 1

Description: Product shall send notification to Homebuyer of Habitat Management application decision

Rationale: Applicants needs to know whether they qualify or not

Originator: Justin Kleinfall

Fit Criterion: Homebuyer receives their application decision

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 7 Requirement Type: Type 9 PUC: 1

Description: Product shall provide Homebuyer access to orientation sign up

Rationale: Applicant can view orientation schedule and select date and time of their choice for the orientation where they can get more information about the homebuyer program process

Originator: Justin Kleinfall

Fit Criterion: Homebuyer is able to register for orientation

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement# 8 Requirement Type: Type 9 PUC: 2

Description: Product shall request for identifiable information such as name and email from volunteer

Rationale: This is so that the product can pull up the volunteer shifts for that specific volunteer.

Originator: Justin Kleinfall

Fit Criterion: Volunteer shall be able to enter name and email

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: High

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 9 Requirement Type: Type 9 PUC: 2

Description: Product shall pull up volunteer's signed up shift of that day using provided data

Rationale: This makes things easier for the volunteer as he/she does not have to scroll through all their shifts to find the one they need to sign in for. This would be extraneous for a person who has a lot of signed up shifts in total. So, the product would, based on the date of sign in, pull up the volunteer shifts for that day only and all the volunteer must do is click on the shift their signing in for.

Originator: Justin Kleinfall

Fit Criterion: Volunteer shall see a display of their shift(s) for the day

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 10 Requirement Type: Type 9 PUC: 2

Description: Product shall request for Volunteer to enter start time for the shift

Rationale: This is to know when the volunteer arrived to start their shift

Originator: Justin Kleinfall

Fit Criterion: Volunteer shall be able to enter start time. Time shall be consistent with set standard time

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 11 Requirement Type: Type 9 PUC: 2

Description: Product shall log start time into database and automatically set end time to end of shift

Rationale: For documentation purposes

Originator: Justin Kleinfall

Fit Criterion: Time shall be consistent with set standard time. Logged end time shall be consistent with documented shift end time

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: High

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 12 Requirement Type: Type 9 PUC: 2

Description: Product shall provide receipt of sign in

Rationale: Confirmation to the volunteer that they are signed in

Originator: Justin Kleinfall

Fit Criterion: Volunteer gets a receipt of their sign in

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: Low

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 13 Requirement Type: Type 9 PUC: 3

Description: Product shall provide means of uploading court documents

Rationale: Provides easy and efficient way of sending document to Habitat for Humanity

Originator: Justin Kleinfall

Fit Criterion: Court documents are received by Habitat for Humanity

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 14 Requirement Type: Type 9 PUC: 3

Description: Product shall save documents to database

Rationale: Keep document under court-ordered volunteer's "file" in the database

Originator: Justin Kleinfall

Fit Criterion: Shall be able to pull up documents from database

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 15 Requirement Type: Type 9 PUC: 3

Description: Product shall scan documents to retrieve identifiable information like name, court, etc.

Rationale: Need these information to make an entry in database for the volunteer. These are information that may be needed for other purpose. Makes the process easier. Example is how online job applications can scan resume and you don't have to manually enter all your contacts.

Originator: Justin Kleinfall

Fit Criterion: Attributes like name, court, etc in database is filled in

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 16 Requirement Type: Type 9 PUC: 3

Description: Product shall, using retrieved data, verify status of background check

Rationale: Volunteers with certain types of background history are not accepted. Need to know if volunteer qualifies

Originator: Justin Kleinfall

Fit Criterion: Background check results shall be able to be pulled up

Customer Satisfaction: 4/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 17 Requirement Type: Type 9 PUC: 3

Description: Product shall notify Court-ordered volunteer of placement or rejection based on background result

Rationale: Volunteer needs to know if they were accepted or not

Originator: Justin Kleinfall

Fit Criterion: Court-ordered volunteer will receive volunteering decision

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 18 Requirement Type: Type 9 PUC: 3

Description: Product shall, if placed, assign court-ordered volunteer to ReStore shift, or construction shift

Rationale: Volunteer needs an assignment to complete court order

Originator: Justin Kleinfall

Fit Criterion: Court-ordered volunteer shall have a scheduled volunteer shift

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 19 Requirement Type: Type 9 PUC: 3

Description: Product shall check database if court-ordered volunteer has less than 100 hours

Rationale: Volunteers can only work for a total maximum of 100 hours.

Originator: Justin Kleinfall

Fit Criterion: Total maximum hours shall range between 0 and 100

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: Low

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement# 20 Requirement Type: Type 9 PUC: 3

Description: Product shall request for court-ordered volunteer to sign in and put start time if hours is less than 100

Rationale: Having less than 100 total hours gives volunteer access to keep volunteering

Originator: Justin Kleinfall

Fit Criterion: Total maximum hours shall be less than 100

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 21 Requirement Type: Type 9 PUC: 3

Description: Product shall log start time into database

Rationale: Need this information to keep track of total hours

Originator: Justin Kleinfall

Fit Criterion: Time shall be consistent with standard set time

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 22 Requirement Type: Type 9 PUC: 3

Description: Product shall reject court-ordered volunteer from signing in if volunteer hours is more or equal to 100

Rationale: Volunteers can work for up to 100 hours

Originator: Justin Kleinfall

Fit Criterion: Total maximum hours shall be 100 or more

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement# 23 Requirement Type: Type 9 PUC: 3

Description: Product shall provide receipt of sign in

Rationale: Confirmation to the volunteer that they are signed in

Originator: Justin Kleinfall

Fit Criterion: Court-ordered volunteer gets a receipt of their sign in

Customer Satisfaction: 5/5

Customer Dissatisfaction: 3/5

Priority: Low

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement#24 Requirement Type: Type 9 PUC: 4

Description: Product shall request for court-ordered volunteer to sign out of shift

Rationale: This is needed to calculate hours worked for the shift

Originator: Justin Kleinfall

Fit Criterion: Sign out time is logged in database

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement#25 **Requirement Type:** Type 9 **PUC:** 4

Description: Product shall record sign out time into database

Rationale: This is needed to calculate hours worked for the shift

Originator: Justin Kleinfall

Fit Criterion: Time shall be consistent with standard set time

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement#26 **Requirement Type:** Type 9 **PUC:** 4

Description: Product shall, using start and end time, compute length of shift

Rationale: The total work hours is computed from the sum of length of shifts

Originator: Justin Kleinfall

Fit Criterion: Total work hours shall be consistent with sum of all shifts

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#27 **Requirement Type:** Type 9 **PUC:** 4

Description: Product shall add shift hours to court-ordered volunteer's total volunteer hours and update it in database

Rationale: This is to keep track and make sure volunteer doesn't keep working over the 100 total hours

Originator: Justin Kleinfall

Fit Criterion: Total work hours shall be consistent with sum of all shifts up to date

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#28 Requirement Type: Type 9 PUC: 4

Description: Product shall provide receipt of sign out details including start time, end time, hours worked, and total overall volunteer hours

Rationale: This is to make sure volunteer is aware of their status and progress

Originator: Justin Kleinfall

Fit Criterion: Court-ordered volunteer will receive sign out receipt

Customer Satisfaction: 5/5

Customer Dissatisfaction: 3/5

Priority: Low

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>> Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: Created April 14th 2017

Requirement#29 Requirement Type: Type 9 PUC: 5

Description: Product shall be on calendar and consistently be aware of date

Rationale: This is because there is a timed response and to have such responds, it needs to know the time

Originator: Justin Kleinfall

Fit Criterion: Product date and time shall be consistent with standard set date and time

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#30 Requirement Type: Type 9 PUC: 5

Description: Product shall, on 5th of each month, pull database information on all court-ordered volunteers

Rationale: Updates on court ordered volunteers need to be communicated to the respective courts

Originator: Justin Kleinfall

Fit Criterion: Date is consistent with standard set date

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#31 Requirement Type: Type 9 PUC: 5

Description: Product shall send receipt of overall total volunteer hours of each court-ordered volunteer to respective court based on information from database

Rationale: Updates on court ordered volunteers need to be communicated to the respective courts

Originator: Justin Kleinfall

Fit Criterion: Court receives receipts

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#32 Requirement Type: Type 9 PUC: 5

Description: Product logs message of success or fail when sending receipt

Rationale: This is a safeguard for when errors occur while sending data to the courts

Originator: Justin Kleinfall

Fit Criterion: There shall be entries of logged messages

Customer Satisfaction: 3/5

Customer Dissatisfaction: 3/5

Priority: Normal

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#33 Requirement Type: Type 9 PUC: 5

Description: Product shall reattempt sending receipt for each message of fail

Rationale: For whatever reason if there's an error, we need to try again to send the information

Originator: Justin Kleinfall

Fit Criterion: There shall be reattempt entries in logged messages

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#34 Requirement Type: Type 9 PUC: 5

Description: Product shall alert Habitat management if there's continues failure to send

Rationale: If it can't send at all, then that means there's a problem either with the sending or perhaps the contact information of the court is incorrect. In this case, management needs to know in order to fix the problem and if necessary manually send data to the courts

Originator: Justin Kleinfall

Fit Criterion: Notification shall be seen in Habitat management admin account

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

Requirement#35 Requirement Type: Type 9 PUC: 6

Description: Product shall have in account, a display of Homebuyer's progress as a summary and a percentage complete of all task

Rationale: This allows a general easy view of the overall status of Homebuyer

Originator: Justin Kleinfall

Fit Criterion: User shall be able to see the progress summary and percentage of task completion

Customer Satisfaction: 5/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#36 Requirement Type: Type 9 PUC: 6

Description: Product shall display in Homebuyer's account a list of all tasks to be completed

Rationale: This keeps things organized and keeps homebuyer on track as to what is done and what needs to be done

Originator: Justin Kleinfall

Fit Criterion: Homebuyer shall be able to see list of tasks in account

Customer Satisfaction: 5/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#37 Requirement Type: Type 9 PUC: 6

Description: Product shall allow homebuyer to access each task in order to complete it by uploading requested files

Rationale: An easy and efficient way to complete a step in the home buying process. Also, homebuyer is aware of what task they are completing

Originator: Justin Kleinfall

Fit Criterion: Files shall be uploaded

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#38 Requirement Type: Type 9 PUC: 6

Description: Product shall indicate task as complete when it is

Rationale: Indicates to homebuyer when they finish a step

Originator: Justin Kleinfall

Fit Criterion: User shall be able to see task marked as complete or incomplete

Customer Satisfaction: 5/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#39 Requirement Type: Type 9 PUC: 6

Description: Product shall notify Habitat Management when task has been complete

Rationale: In case a task involves submission of documents, this alert tells management that documents are available. It is easier this way as management does not have to keep checking if documents are submitted; and homebuyer does not need to contact management to inform of submission.

Originator: Justin Kleinfall

Fit Criterion: Notification shall be seen in Habitat management admin account

Customer Satisfaction: 5/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#40 **Requirement Type:** Type 9 **PUC:** 6

Description: Product shall allow Habitat Management access to uploaded files

Rationale: Management can use file for whatever purpose it needs to

Originator: Justin Kleinfall

Fit Criterion: Habitat Management shall see and edit files

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#41 **Requirement Type:** Type 9 **PUC:** 6

Description: Product shall allow Habitat Management to edit status of task incase uploaded files were incomplete or the wrong files

Rationale: Since when homebuyer finishes a task it shows as complete on their end, in case the task was not completed correctly, management can change a task from complete, which will also change the task status on the homebuyer end. This lets homebuyer know they need to redo the task.

Originator: Justin Kleinfall

Fit Criterion: Habitat Management change shall be transmitted to homebuyers account. Task status on homebuyer side and management side will be consistent with the change

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: 9

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#42 **Requirement Type:** Type 9 **PUC:** 6

Description: Product shall request Habitat Management to enter reason of editing status of task

Rationale: Homebuyer needs to know why their task was changed from complete. This lets them know what they missed or did wrong on the task so that they can fix it and redo the task

Originator: Justin Kleinfall

Fit Criterion: Habitat management shall have a place to enter editing reason

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#43 **Requirement Type:** Type 9 **PUC:** 6

Description: Product shall send notification to Homebuyer, with the reason, if task status is edited by Habitat Management

Rationale: Homebuyer needs to know when there's a change in their account so that they can respond

Originator: Justin Kleinfall

Fit Criterion: Homebuyer receives notification of task status edit

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: Normal

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: Created April 14th 2017

Requirement#44 **Requirement Type:** Type 9 **PUC:** 7

Description: Product shall request for description of item and information such as name, category and price of item as well details of ReStore donor

Rationale: This is for cataloging and inventory purpose

Originator: Justin Kleinfall

Fit Criterion: There shall be a place to enter item and its associated information

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: Created April 14th 2017

Requirement#45 **Requirement Type:** Type 9 **PUC:** 7

Description: Product shall log item and its data into database

Rationale: This is for cataloging and inventory purpose

Originator: Justin Kleinfall

Fit Criterion: Entry of item and associated information shall correctly be in database

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: Created April 14th 2017

Requirement#46 **Requirement Type:** Type 9 **PUC:** 7

Description: Product shall generate label for item that includes the item name, price, and a uniquely generated barcode

Rationale: This label is for when item is being put up for sale

Originator: Justin Kleinfall

Fit Criterion: Item shall have a label with the specified information

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: Created April 14th 2017

Requirement#47 **Requirement Type:** Type 9 **PUC:** 7

Description: Product shall provide receipt of item's data to ReStore donor either as printable paper or electronically

Rationale: Confirmation of donation, also for tax purposes

Originator: Justin Kleinfall

Fit Criterion: Donor shall receive receipt of item

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: High

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: Created April 14th 2017

NON FUNCTIONAL REQUIREMENTS

Requirement#48 **Requirement Type:** Type 10 **PUC:** 1

Description: Product shall look and feel elegant to use.

Rationale: Make users feel welcome to use our application, and in turn work with our business

Originator: Justin Kleinfall

Fit Criterion: Use colors that are warm and attractive, make buttons and UI look and feel elegant

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: 8

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#49 **Requirement Type:** Type 12 **PUC:** 1

Description: Product shall record information with perfect accuracy.

Rationale: There can not be any mistakes in recording the applicants

Originator: Justin Kleinfall

Fit Criterion: Set up a recovery option, and keep a record of all entries even if it means a slower process recording information properly is the most important feature.

Customer Satisfaction: 5/5

Customer Dissatisfaction: 4/5

Priority: 9

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#50 **Requirement Type:** Type 15 **PUC:** 1

Description: Product shall only give access to designated people.

Rationale: There can not be any mistakes in recording the applicants

Originator: Justin Kleinfall

Fit Criterion: Prohibit people from viewing information that might be confidential

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: 8

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#51 **Requirement Type:** Type 14 **PUC:** 1

Description: Product shall be modifiable and is subject to change

Rationale: As new houses are available, the forms might change, stakeholders may want updates later.

Originator: Justin Kleinfall

Fit Criterion: Do not hardcode any of the entries allow them to be variable so they can be switched out

Customer Satisfaction: 4/5

Customer Dissatisfaction: 2/5

Priority: 8

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017.

Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#52 **Requirement Type:** Type 15 **PUC:** 2

Description: Product shall sign user out of login within 30 seconds to make sure information stays private

Rationale: To keep confidential information safe

Originator: Justin Kleinfall

Fit Criterion: Make sure the product leaves screen within 30 seconds

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: 8

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr.

2017. <<http://pensacolahabitat.org/volunteer/>>

History: April 14th 2017

Requirement#53 **Requirement Type:** Type 10 **PUC:** 2

Description: Product shall be easy to use.

Rationale: To get return volunteers make sure product is easy to use

Originator: Justin Kleinfall

Fit Criterion: Keep choices simple, reduce amount of buttons, make text big but not annoying

Customer Satisfaction: 4/5

Customer Dissatisfaction: 1/5

Priority: 8

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr.

2017. <<http://pensacolahabitat.org/volunteer/>>

History: April 14th 2017

Requirement#54 **Requirement Type:** Type 10 **PUC:** 2

Description: Product shall look welcoming to use.

Rationale: To encourage return users the layout should be welcoming

Originator: Justin Kleinfall

Fit Criterion: Use colors that are warm and attractive, make buttons and UI look and feel welcoming

Customer Satisfaction: 4/5

Customer Dissatisfaction: 2/5

Priority: 8

Conflicts: None

Supporting Materials: "Volunteer." Pensacola Habitat for Humanity. N.p., 03 Oct. 2016. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/volunteer/>>

History: April 14th 2017

Requirement#55 **Requirement Type:** Type 10 **PUC:** 3

Description: Product shall look serious to use.

Rationale: Make sure that court ordered volunteers dont take their job too lightly

Originator: Justin Kleinfall

Fit Criterion: Make their sign in page black and white keep text neutral, do not include any images

Customer Satisfaction: 2/5

Customer Dissatisfaction: 4/5

Priority: 6

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

History: April 14th 2017

Requirement#56 **Requirement Type:** Type 12 **PUC:** 3

Description: Product shall scan ID for user with perfect accuracy

Rationale: There can not be any mistakes in making sure the correct person is volunteering

Originator: Justin Kleinfall

Fit Criterion: Use a database to compare ID number with one in database.

Customer Satisfaction: 4/5

Customer Dissatisfaction: 1/5

Priority: 8

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

History: Created April 14th 2017

History: April 14th 2017

Requirement#57 **Requirement Type:** Type 12 **PUC:** 4

Description: Product shall report hours to the minute for all court-ordered volunteers.

Rationale: There can not be any mistakes in recording the number of hours volunteer volunteers

Originator: Justin Kleinfall

Fit Criterion: Record the hours to the minute

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: 9

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: April 14th 2017

Requirement#58 **Requirement Type:** Type 15 **PUC:** 4

Description: Product shall make sure to have a recover option

Rationale: There can not be any data loss for legality reasons

Originator: Justin Kleinfall

Fit Criterion: Keep a copy in a database that might be kept seperate from the original data

Customer Satisfaction: 5/5

Customer Dissatisfaction: 3/5

Priority: 9

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: April 14th 2017

Requirement#59 **Requirement Type:** Type 12 **PUC:** 5

Description: Product shall send information with perfect accuracy

Rationale: There can not be any mistakes when sending the information because it can ruin the court ordered volunteer's like

Originator: Justin Kleinfall

Fit Criterion: More important than speed the accuracy is of utmost importance.

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: 10

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: April 14th 2017

Requirement#60 Requirement Type: Type 12 PUC: 5

Description: Product shall send information within 5 minutes of requesting it

Rationale: There should not be too much delay when asking for something so serious

Originator: Justin Kleinfall

Fit Criterion: Set the product to having a high priority when it comes to sending this data

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: 5

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: April 14th 2017

Requirement#61 Requirement Type: Type 15 PUC: 5

Description: Product shall only send information to an authorized receiver.

Rationale: This is sensitive information and should only be sent to the correct individuals

Originator: Justin Kleinfall

Fit Criterion: Put receiving users on a list from beforehand so that mistakes dont occue

Customer Satisfaction: 4/5

Customer Dissatisfaction: 5/5

Priority: 8

Conflicts: None

Supporting Materials: "Court-Ordered Community Service." Greater New Haven Habitat for Humanity. N.p., n.d. Web. 19 Apr. 2017. <<http://habitatgnh.org/volunteer/court-ordered-community-service/>>

Volunteer Portal. N.p., n.d. Web. 20 Apr. 2017. <<http://cm2pen.neworg.com/default.asp?PageNum=38>>

History: April 14th 2017

Requirement#62 Requirement Type: Type 12 PUC: 6

Description: Product shall report information with perfect accuracy.

Rationale: There can not be any mistakes in reporting progress that may lead to false hope

Originator: Justin Kleinfall

Fit Criterion: Slow down reporting to make sure that information is accurate

Customer Satisfaction: 3/5

Customer Dissatisfaction: 5/5

Priority: 10

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#63 **Requirement Type:** Type 12 **PUC:** 6

Description: Product shall report information within 2 minutes of request.

Rationale: This process of reporting should not take too long to provide good service

Originator: Justin Kleinfall

Fit Criterion: Maintain the information in a way that it can reported quickly and accurately

Customer Satisfaction: 4/5

Customer Dissatisfaction: 2/5

Priority: 6

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017.

Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#64 **Requirement Type:** Type 12 **PUC:** 6

Description: Product shall report only information to authorized users.

Rationale: Do not give out information to the wrong person

Originator: Justin Kleinfall

Fit Criterion: The product can ask the Homebuyer to login to access information.

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: 8

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017.

Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#65 **Requirement Type:** Type 17 **PUC:** 6

Description: Product shall not hide any necessary legal information.

Rationale: The product shall not hide any information for the sake of the business

Originator: Justin Kleinfall

Fit Criterion: Keep everything necessary transparent don't hide private information

Customer Satisfaction: 5/5

Customer Dissatisfaction: 5/5

Priority: 10

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017.

Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#66 **Requirement Type:** Type 12 **PUC:** 6

Description: Product report shall be easy to read

Rationale: Do not make the report difficult to read for the sake of the reader

Originator: Justin Kleinfall

Fit Criterion: Stick to a mid sized text, with spaces, and dark colors

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: 4

Conflicts: None

Supporting Materials: "HomeBuyer Program." Pensacola Habitat for Humanity. N.p., 17 Mar. 2017. Web. 19 Apr. 2017. <<http://pensacolahabitat.org/home-ownership/>>

History: April 14th 2017

Requirement#67 **Requirement Type:** Type 14 **PUC:** 7

Description: Product shall record all items with perfect accuracy.

Rationale: There can not be any mistakes in recording the new products

Originator: Justin Kleinfall

Fit Criterion: The product should verify that it is the correct product by the donor

Customer Satisfaction: 4/5

Customer Dissatisfaction: 4/5

Priority: 10

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: April 14th 2017

Requirement#68 **Requirement Type:** Type 14 **PUC:** 7

Description: Product shall update database within 2 minutes of addition.

Rationale: The process should not take a long time

Originator: Justin Kleinfall

Fit Criterion: The database should have a list of items already and this should just add a single item

Customer Satisfaction: 4/5

Customer Dissatisfaction: 3/5

Priority: 7

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: April 14th 2017

Requirement#69 **Requirement Type:** Type 14 **PUC:** 7

Description: Product shall only give authorized personnel access to the database.

Rationale: If too many people have access to the database things can get ruined.

Originator: Justin Kleinfall

Fit Criterion: Only give access to a limited amount of people who need it

Customer Satisfaction: 4/5

Customer Dissatisfaction: 2/5

Priority: 9

Conflicts: None

Supporting Materials: "Donate to Pensacola Habitat ReStore." Pensacola Restore. N.p., n.d. Web. 20 Apr. 2017. <<http://pensacola.habitatrestores.org/donate>>

History: April 14th 2017