GE Healthcare

Information Technology and Process Excellence

Code Review Record for SDT Booking

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**Document Authorization:**

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|  | **Name** | **Role** | **Department** |
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**Document Revision History**

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| --- | --- | --- | --- | --- |
| **Revision** | **Date** | **Author** | **Change Reference** | **Reason for Change** |
| 1 | June 7th, 2016 | Rajesh Kallem | Initial Document (CHG0067819) | Initial Release |
| 2 | July 20th, 2016 | Rajesh Kallem | CHG0072511 | Updated defects with ALM Defect id’s (1, 3,5,9,10,11, 13), which are the items #20-26, listed in the table below. |
| 3 | July 30th, 2016 | Rajesh Kallem | CHG0072511 | Updated defects with ALM Defect id’s (13,15,16), which are the items #27-29, listed in the table below. |
| 4 | August 5th, 2016 | Rajesh Kallem | CHG0072511 | Updated defects with ALM Defect id 16 which is item #30, listed in the table below. |
| 5 | August 24th, 2016 | Sid Subudhi, Riyaz Ahmed | CHG0076367 | Updated Code Review Log with item #31 and Conclusion section with the new version. |
| 6 | October 21st, 2016 | Sid Subudhi, Riyaz Ahmed | CHG0082730 | Updated Code Review Log with item #32-35 and Conclusion section with the new version. |
| 7 | January 27th, 2017 | Syed Farhan Husain | CHG0091830 | Updated Code Review Log with item #36-38 and Conclusion section with the new version.  Below are the updates made for this revision:  Item #36: CountriesTimeZoneConversion.cs - ES-LS were not being calculated, resulting in an un-representable date time error.  Item #37: Index.cshtml  Special Characters in Address were causing wrong Address to be passed on to the Google Geocoding URL  Item #38: Web.Config  ES-LS were not being calculated, resulting in an un-representable date time error.  Code Version is updated to 1.3. This release is for the code updates above and for the implementation in Philippines, Singapore and Vietnam. |
| 8 | See MyWorkShop | Ebaad Chowdhry | CHG0097623 | Below are the updates made for this revision 1.3.1:  Item # 39:  CustomValidation.js:  Pop-up message for unavailability of Contracts in Click DB  Pop-up message for unavailability of System Id in Siebel CRM.  Item #40: RequestAppointmentBookingController.cs – Validation for Unavailability of Contracts for Service Request type ‘Corrective repair’ in Click Database.  Item #41:  HomeController.cs:  Reallocation of session variable to validate the absence of any parameter from Siebel Launch.  Code Version is updated to 1.3.1. This deployment is for the code updates stated above. |
| 9 | May 2, 2017 | Farhan | - | Updated Code Review Log with item #42-49 and Conclusion section with the new version. |

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# Code Review Iteration

## System/Application Details

|  |  |
| --- | --- |
| Author Name | Ebaad Chowdhry |
| System Name | SDT Booking |
| Code Version | 2.0 |

## List of Reviewers:

|  |  |
| --- | --- |
| **Name of Reviewer** | **Role of the Reviewer** |
| Hita Soni | SME - Technical Lead |

# Code Review Log

**Defect Category:**

* ·‘D’ - Major Defect.  The content of the work product is faulty or wrong.
* ‘-‘  - Minor Defect.  The content of the work product is acceptable, but the reviewer sees room for improvement.
* ‘I’ - Issue.  The content of the work product is unclear or may be missing material.

**Status:**

* Open
* Closed

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| --- | --- | --- | --- | --- | --- | --- |
| Item | Reviewer | Defect Category  D/-/I | Filename | Defect Description | Resolution | Status |
| 1 | Rajesh Kallem | D | HomeController.cs | Different Error message is triggering while opening "C" activity from Siebel. | Change in logic | Closed |
| 2 | Rajesh Kallem | - | RequestAPpointmentController.cs | Duplicate Slots in Request Appointment Grid | Change in logic | Closed |
| 3 | Rajesh Kallem | D | HomeController.cs | SDT Page is opening through Stand Alone URL | Change in logic | Closed |
| 4 | Rajesh Kallem | - | HomeController.cs | For FMI SR type, the â€˜FMI Due Dateâ€™ field value is read only while copied from existing FMI SR and creating a new FMI SR in Siebel | Change in logic | Closed |
| 5 | Rajesh Kallem | D | HomeController.cs | ES And LS Logic for PM Scenario1 | Change in logic | Closed |
| 6 | Rajesh Kallem | - | HomeController.cs | For PM SR type, the 'PM Level of Serviceâ€™ and â€˜Sequence # field value is read only while copied from existing PM SR and creating a new PM SR in Siebel | Change in logic | Closed |
| 7 | Rajesh Kallem | - | RequestAPpointmentController.cs | Score in request appointment grid is displayed as ‘1’ for some of the slots retrieved. | Change in UI | Closed |
| 8 | Rajesh Kallem | - | RequestAPpointmentController.cs | Higher scored slots are not displaying on top of the Request Appointment webpage. | Change in logic | Closed |
| 9 | Rajesh Kallem | D | HomeController.cs | ES And LS Logic for PM Scenario2 | Change in logic | Closed |
| 10 | Rajesh Kallem | D | HomeController.cs | ES And LS Logic for PM Scenario3 | Change in logic | Closed |
| 11 | Rajesh Kallem | - | CustomValidation.js | Korean address pin code is not validated in Part Tool details of SDT Booking | Change in logic | Closed |
| 12 | Rajesh Kallem | - | RequestAppointment.cshtml | SLA column is displayed as blank in RA Grid for one of the slot. | Change in logic | Closed |
| 13 | Rajesh Kallem | D | HomeController.cs | ES And LS Logic for PM Scenario4 | Change in logic | Closed |
| 14 | Rajesh Kallem | - | HomeController.cs | For Installation Type SRs, The Customer Site Address is not displayed in the Google map. | Change in logic | Closed |
| 15 | Rajesh Kallem | - | HomeController.cs | Slots are not retrieved based on the FSE Selection in the SSO ID dropdown list field | Change in logic | Closed |
| 16 | Rajesh Kallem | - | HomeController.cs | In Part Tool Details, The comments entered for FE Address is reflected for Customer Site Address also. | Change in logic | Closed |
| 17 | Rajesh Kallem | D | HomeController.cs | ES And LS Logic for PM Scenario 5 | Change in logic | Closed |
| 18 | Rajesh Kallem | - | HomeController.cs | For Installation Type SRs, The Task Start Date and Delivery date in part tools are not displayed as per Asset Time zone for Papua New Guinea Region. | Change in logic | Closed |
| 19 | Rajesh Kallem | - | HomeController.cs | Early Start and Late Start | Change in logic | Closed |
| 20 | Rajesh Kallem | D | Index.cshtml | Prompt to Cancel the PPU task should specify that only the PPU task is being cancelled. Potential confusion with causing cancellation of main task | Change in logic | Closed |
| 21 | Rajesh Kallem | D | CustomerValidation.js | Once click on the ES, LS for entitled site, and the value auto populated, not able to delete it off | Change in logic | Closed |
| 22 | Rajesh Kallem | D | Web.config | 'SDT Booking' tab is displayed as blank when clicking on the [SDT Book Appointment] button in Siebel INTL. | Change in Web.config | Closed |
| 23 | Rajesh Kallem | D | HomeController.cs | The field 'Early Start' is not displayed with the 'Desired Date' value for PM SR. | Change in logic | Closed |
| 24 | Rajesh Kallem | D | RequestAppointmentBookingController.cs | Appointment Slots are not displayed in a sorted order based on "Date" for Corrective Repair Not entitled SR | Change in logic | Closed |
| 25 | Rajesh Kallem | D | CustomerValidation.js | Popup message stating "Invalid Address" is not coming for Invalid Pin code entered in Part Pickup section. | Change in logic | Closed |
| 26 | Rajesh Kallem | D | CustomerValidation.js | Not able to delete the value entered in the 'Early Start' field for 'Corrective Repair' Entitled SR. | Change in logic | Closed |
| 27 | Rajesh Kallem | D | CustomerValidation.js | Google Map is not launched | Change in logic | Closed |
| 28 | Rajesh Kallem | D | CallClickService.cs | Task is not created for Korea Region in SDT Booking | Change in logic | Closed |
| 29 | Rajesh Kallem | D | SessionHanlder.cs | SDT Booking Stand Alone URL is throwing wrong error message when trying to access SDT Booking as standalone. | Change in logic | Closed |
| 30 | Rajesh Kallem | D | NotAuthorizedPage.cshtml | SDT Booking Standalone URL is launching with incorrect message. | Change in logic | Closed |
| 31 | Rajesh Kallem | - | RequestAppointmentController.cs | For Korea region, upon clicking of "Request extended slots" with ES & LS as same day, no extended slots were displayed between 6PM and 8 PM. | Change in logic | Closed |
| 32 | Rajesh Kallem | D | HomeController.cs | INC1170070 - No System ID on Siebel SR but CLICK task created on a random system ID!? | Change in logic | Closed |
| 33 | Rajesh Kallem | D | HomeController.cs | INC1171728 - FMI Due date and Unable to create Part Pick up for Job. Error message "String time not recognized" | Change in logic | Closed |
| 34 | Rajesh Kallem | D | RequestAppointmentController.cs | We can see duplicate slots in the GRID for Indo-Thai when the time interval is more than 20 days between ES and LS | Change in logic | Closed |
| 35 | Rajesh Kallem | D | HomeController.cs | We are able to create 1 or more system or site dependency jobs for an SR which should not be the case as per the business requirement. Only one Site/System dependent job can be created for an activity. | Change in logic | Closed |
| 36 | Syed Farhan Husain | - | CountriesTimeZoneConversion.cs | ES-LS were not being calculated, resulting in an un-representable date time error. | Added Google Places URL and Key | Closed |
| 37 | Syed Farhan Husain | - | Index.cshtml | Special Characters in Address were causing wrong Address to be passed on to the Google Geocoding URL | Added validation | Closed |
| 38 | Syed Farhan Husain | - | Web.Config | ES-LS were not being calculated, resulting in an un-representable date time error. | Added Google Places URL and Key | Closed |
| 39 | Ebaad Chowdhry | D | HomeController.cs | Pop-Up showing “System ID does not exist in Siebel” not visible due to incorrect allocation of session variables. | Change in Logic | Closed |
| 40 | Ebaad Chowdhry | - | CustomValidation.js | Validations and setting up the visibility of the pop-up along with the message to be displayed | Added validation and message to be displayed | Closed |
| 41 | Ebaad Chowdhry | - | RequestAppointmentBookingController.cs | Validations for invoking the Pop-up when a specific business condition (Contract information unavailable from Click) is met. | Added validation | Closed |
| 42 | Farhan | - | HomeController.cs | Book FMI earlier so that there would be more flexibility to re-schedule before the due date.  LS logic should be replaced from 7 days to 14 days so that  this gives more time for CSC to manage customer expectation and FE to prepare necessary work.  ES logic will remain the same. | Change in Logic | Closed |
| 43 | Hita | D | CallClickService.cs | Create indexes on task objects for task properties such as TaskSiteID, TaskSystemID, MUSTJobNumber in Click DB  for quicker retrieval of data | Change in Logic | Closed |
| 44 | Urmila | - | RequestAppointmentBookingController.cs  CallClickService.cs | Remove the function of BumpCheck (as it  is not used by the CSC Agents) so that the time required for Slots retrieval is reduced. | Change in Logic | Closed |
| 45 | Farhan | D | Index.cshtml  IndextoRequest.cs  ClickTasksResSystemSite.cs  HomeController.cs  RequestAppointmentBookingController.cs  CallClickService.cs  CustomValidation.js | User should be able view SR Description field (from Siebel) in SDTBooking and SDTSchedule.   User should be able to view the SR Description field (from SDTSchedule) in SDTMobile task main page and desired date field in appointment page. | Change in Logic  Change in UI | Closed |
| 46 | Urmila | D | CustomValidation.js | When SR= Corrective Repair and Entitlement=Y in Siebel & Contract does not exist in CLICK  When clicking on Request appointment button, ES and LS values should be mandatory.  and if these values are blank then please add a pop-up message – “Please enter LS to proceed ahead”.  Similarly, if only LS is entered, you should pop-up a message - “Please enter ES to proceed ahead”. | Change in Logic | Closed |
| 47 | Farhan | - | CustomValidation.js  RequestAppointment.cshtml  SiteDependencies.cshtml | If SystemID is NULL, please display as “Task cannot be created because SystemID is NULL” | Added Validation | Closed |
| 48 | Farhan | - | HomeController.cs | Add few more parameters such as IP Address,Request and response for Logs to analyse the parameters passed. | Change in Logic | Closed |
| 49 | Farhan | D | HomeController.cs  CallClickService.cs | Verify if a Contract is present for a particular SystemID. If not present then an appropriate pop up message must be displayed asking the user to enter the ES and LS values manually. | Change in Logic | Closed |

# Code Reviewer Summary

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| --- | --- | --- | --- |
| Developers: | Tejashree Bhagat, Prajna Monappa, Ebaad Chowdhry, Jayesh Soni, Deepak V, Urmila Gumata | | |
| Performed By: | Syed Farhan Husain | Date: | 2017-03-13 |
| Independently Reviewed By: | Chandramohan Gupta | Date: | 2017-03-14 |
| Conclusion | Accepted upon closure of actions | | |

# Unit Testing Summary

# Formal Unit Testing is not performed since IQ/OQ/PQ testing will cover parts of Unit and Integration Testing.

# Conclusion

The SDT Booking Application version 2.0 has being reviewed. The code meets the design specifications and the requirements as per the Functional/Technical Lead.