# Student Version

| Section A – Program/Course details | | | |
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| **Qualification code:** | ICT50615 | **Qualification title:** | Diploma of Website Development |
| **Unit code:** | (6D)  ICTWEB516  CUAGRD505 | **Unit title:** | (Web Design Trends)  Research and apply emerging web technology trends Design and manipulate complex layouts |
| **Department name:** | BDIT, Computer and Information Technology | **CRN number:** |  |

| Section B – Assessment task details | | | |
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| **Assessment number:** | 3 of 3 | **Semester/Year:** | 2/2020 |
| **Due date:** | 27-Nov-20 | **Duration of assessment:** | 1 week |
| **Assessment method** | Project/Report/Portfolio | **Assessment task results** | Ungraded result |
| Other: Graded |

| Section C – Instructions to students |
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| **Task instructions:** |
| Project Requirements  Learners are required to redesign the website created in Assessment 2.  Include the additional features to redesign the website:  1. Include Unique ID using the module UUID in your project. 2. Add the Unique ID to firebase 3. Fetch data from an outside API. 4. Use the react application to delete the data in the firebase.  See support document for further instructions. |

| Section D – Conditions for assessment | |
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| **Conditions:**  Student to complete and attach Assessment Submission Cover Sheet to the completed Assessment Task. | |
| - This assessment is to be completed individually. - You must meet all criteria listed in the marking guide to be satisfactory in this task. - You may resubmit this task if not successful within the enrolment period as per Holmesglen conducting  assessment procedure. - The learner may use the internet for research. - The following technologies must be utilised; HTML5 , CSS3, JAVASCRIPT, BOOTSTRAP4 , JQUERY, Node JS - You are expected to dedicate time to developing this assessment task both in and out of the classroom. - Development tools should include but are not limited to Brackets.io or Visual Studio Code, Chrome or Fire Fox   (You have access to these tools in labs or they can be downloaded). - You must submit; All required working files, documentation and any other assets that you feel may be required in a zipped file. - This Assessment task must be uploaded to Brightspace along with a complete and signed coversheet.  - You may resubmit this task if not successful within the enrolment period as per Holmesglen conducting  assessment procedure. - This is an individual task. However, you are required to get information, feedback and ideas from your assessor, peers and industry to help complete the assessment planning guide.  - It is expected all documents will be completed and submitted electronically but if this is not possible, make alternative arrangements for submitting the documents with your assessor. - You will have the opportunity to resubmit if any part of the assessment is deemed unsatisfactory (one resubmit allowed per task). - You can appeal an assessment decision according to the Holmesglen Assessment Complaints and Appeals Procedure. - If you feel you require special allowance or adjustment to this task, please decide with your assessor within one week of commencing this assessment. - The learner may use the internet research answers for this assessment. | |
| **Equipment/resources students must supply:** | **Equipment/resources to be provided by the RTO:** |
| Computer Internet Connection  HTML5 JavaScript CSS3 JavaScript Bootstrap jQuery Node JS | Computer Internet Connection  Code Editor Browsers Microsoft Word JavaScript Bootstrap/JavaScript jQuery Node JS |

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| Section E – Marking Sheet - Student Answer Sheet | | | |
| **Student ID:** | **1076912** | **Student name:** | **Sanjith Padmadas Das** |
| **Unit code:** | (6D)  ICTWEB516  CUAGRD505 | **Unit title:** | (Web Design Trends)  Research and apply emerging web technology trends Design and manipulate complex layouts |
| **Date:** |  | | |

| Level of Performance | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | 1 | 2 | 3 | 4 |
| Criteria | **Project requirements** | The final product still needs more work and is not finalised. | All requirements outlined for the project have been met. | All requirements outlined for the project have been met. The final product is complete and has been well designed and thought out. | All requirements outlined for the project have been met. The final product is extremely polished, professional. |
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| **Determine the requirements and created the unique ID for the project** | The user requirements have not been determined.  The UUID has not been created. | The user requirements have been determined. Matches all core user requirements. | The user requirements have been determined. Matches all of the user requirements.  Created UUID using the simple module  Installed uuid using npm | The user requirements have been determined. Matches all of the user requirements.  Created UUID using the simple module.  Installed uuid using npm  Import statement is used to import the uuid in the project |
|  |  |  |  |
| **Use advanced techniques to fetch data from outside API** | Created a separate component to fetch the data from outside API  Import statement have not been used to import uuid to the project  UUID is not installed using NPM | Created a separate component to fetch the data from outside API.  Import statement is used to import uuid to the project  UUID is not installed using NPM | Created a separate component to fetch the data from outside API  Import statement is used to import uuid to the project  NPM is used to install UUID to the react application | Created a separate component to fetch the data from outside API.  Import statement is used to import uuid to the project  NPM is used to install UUID to the react application  The layout and design are of a professional industry standard. |
|  |  |  |  |
| **Incorporate Lifecycle method Component Did Mount to fetch data from an outside API** | Lifecycle Method Component Did Mount has not been incorporated in the react application | Lifecycle Method Component Did Mount has been incorporated in the react application  Haven’t included a separate function to the get request | Lifecycle Method Component Did Mount has been incorporated in the react application  Included a separate function to the get request.  Displayed the data received from the outside API using NPM start command.  The document is valid and works on major browsers as expected. | Lifecycle Method Component Did Mount has been incorporated in the react application  Included a separate function to the get request.  Displayed the data received from the outside API using NPM start command.  The document is valid and works on major browsers as expected  The layout and design are of a professional industry standard. |
|  |  |  |  |
| **Used JQuery module to make HTTP request, and delete the data in firebase using react application** | JQuery module is used to make http request.  Npm is not used to install JQuery module | JQuery module is used to make http request.  Npm is used to install JQuery module | JQuery module is used to make http request.  Npm is used to install JQuery module  The document is valid and works on major browsers as expected. | JQuery module is used to make http request.  Npm is used to install JQuery module  The document is valid and works on major browsers as expected.  The data in the firebase is deleted automatically once the user clicks on the delete button in the react application |
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The following scoring system will apply to determine the grade:

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| 5 – 9 Points = Pass | P |  | Teachers Signature: |
| 10 – 14 points = Credit | CR |  |
| 15 – 18 points = Distinction | D |  |
| 19 – 20 Points = High Distinction | HD |  |

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| **Student declaration** | |  |
| By submitting this assessment task and signing the below, I acknowledge and agree that:   1. This completed assessment task is my own work. 2. I understand the serious nature of plagiarism and I am aware of the penalties that exist for breaching this. 3. I have kept a copy of this assessment task. 4. The assessor may provide a copy of this assessment task to another member of the Institute for validation and/or benchmarking purposes. | | |
| **Submission or observation date:** | **18/11/2020** | |
| **Student signature**  For electronic submissions: By typing your name in the student signature field, you are accepting the above declaration. | **Sanjith Padmadas Das** | |

| Assessment Results and Feedback to Student | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Assessment Task Result:** | | | | **Satisfactory** | | **Not Satisfactory** |
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| **Assessor’s Feedback:** | | | | | | |
|  | | | | | | |
| **Resubmission allowed:** | **Yes** | **No** | **Resubmission due date:** | |  | |
| **Assessor name:** | Amberle Seidl | | | | | |
| **Assessor signature:** |  | | | | | |
| **Date assessed:** |  | | | | | |

**Supporting document**

# Web Design Trends - Documentation

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| **Unit code**: | (6D)  ICTWEB516  CUAGRD505 | **Unit title:** | (Web Design Trends)  Research and apply emerging web technology trends Design and manipulate complex layouts |
| **Student ID:** | **1076912** | **Student name:** | **Sanjith Padmadas Das** |

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| **Project Brief** Read thought the brief below take note of the needs and requirements outlined in the brief | |
| **Project requirements**  Learners are required to redesign the website created in Assessment 2.  Include the following features to redesign the website:  1. Include Unique ID using the module UUID in your project.  a, Generate unique id using the simple module UUID  b, Use the following command to install uuid  npm install –save uuid  c, Use the import statement to import uuid  import uuid from ‘uuid’  2. Add the Unique ID to firebase  3. Fetch data from an outside API.  a, Use JQuery module to make http request  b, Install JQuery using the following command  npm install jQuery –save;  c, Use the import statement to import JQuery  import $ from ‘jQuery’;  d, Display the data that you received from API.  4. Use the react application to delete the data in the firebase. | |
| Based on the information you have gathered from the brief complete the following: | | |
| 1. Learner identified the requirements of the project | ***The requirement of this project is to create a hotel room-booking website. The functionalities currently included in this project are***   1. ***1 User Registration*** 2. ***User Login (Token based authentication)*** 3. ***Authenticated user can*** 4. ***Create Room*** 5. ***Update Room*** 6. ***Delete Room***   ***All the user data has been stored into the firebase database.*** | |
| 1. Steps to generate unique id | npm install –save uuid,  import { v4 as uuidv4 } from "uuid";  const newRoom = {  roomno: uuidv4(),  roomType: this.state.roomType,  occupants: this.state.occupants,  bedType: this.state.bedType,  roomRate: this.state.roomRate,  description: this.state.description,  }; | |
| 1. Use the Lifecycle method Component Did Mount to include the get request | ***Using axios to make the http request.***  ***Please refer the attached (UI Screen Shots and Endpoints) for more details*** | |
| 1. Learner displayed the data that was received from outside API | ***Please refer the attached doc (UI Screen Shots and Endpoints) for more details*** | |
| 1. Learner displayed the data in the firebase | ***Please refer the attached doc (UI Screen Shots and Endpoints) for more details*** | |
| 1. Learner developed the webpage according to the project requirements | *Learner has to upload the files in Brightspace* | |