**Level 4**

**Semester 2**

**WDOS**

**Assignment – 3**

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**Turtle Hatcheries in Sri Lanka**

This report is regarding the part 3 of the Web Development and Operating Systems (WDOS) assignment; “Turtle Hatcheries in Sri Lanka”. This part of the assignment (part 3) is connected to the previous parts of the assignment (parts 1 and 2) by a ‘Book Now’ button in the Hikkaduwa Turtle Hatchery page of the previous part of the assignment that redirects to the ‘Ticket page’ (1st page) of the new application . The new application contains four HTML pages, one CSS page and one JavaScript page.

* Tickets page (HTML)
* Details page (HTML)
* Payment page (HTML)
* Confirmation page (HTML)
* Index (JS)
* Styles3 (CSS)

This application is introduced to pre-book tickets for visitors and guarantee their spot at the centre. The tickets page (1st page) contains three subsections as dates, guests and duration. The dates subsection is for the user to input the date they are planning to visit and the user can select only one date. In guests subsection there are five main ticket categories as,

* SL Adult
* SL Child
* Foreign Child
* Foreign Adult
* Infant

Users are allowed to select the number of tickets which they need from each category. The duration subsection is for the user to select one ore multiple time slots for their visits and the time slots also categorize as normal hours and peak hours.

The user input data of the subsections dates, guests and duration are stored in local storage in order to update ‘Summary table’ that is used to calculate the total payment for the tickets.

The details page (2nd page) of the application contains a form for the user to input their personal information such as full name, mobile number, Email, gender. And in the payment page (3rd page) there is a payment form validation for the user to input their credit card information to confirm the payment. And lastly the confirmation page (4th page) contains a message for the user to confirm their order.

In all 4 of the pages, I have used the same header style and the footer style using HTML and CSS.

This link directs to the web application:-

**Conclusion**

In conclusion, this web application showcases our web development skills including web design, creating pages with HTML, styling using CSS and using JavaScript and testing web application.