# **PERSONAL PORTFOLIO**

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**Team number:** 73

**Team name:** Kapow

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**Website:** [atmiyaparking.byethost13.com/homepage.html](http://atmiyaparking.byethost13.com/homepage.html)

Throughout the semester, IFB299 has given me the chance to learn and experience what it is like to develop a website in a professional and business environment. IFB299 has also given me a chance to learn new coding languages which are HTML, PHP, JavaScript.

This personal portfolio focuses on artefacts from Release One and Release Two. Below is the list of artefacts which demonstrates the quality of the work I have done throughout the semester. Attachment of 10 artefacts from both releases is also included.

## **RELEASE ONE**

**Artefact 1 (P\_request.php):**

The purpose of this file is to receive user’s booking request and relevant information to the database table name “booking”. This file is called out through a <form> in premiumBooking.html. After successfully executing action, a new screen with message and booking reference number pops up for 2 seconds. Then, it automatically redirects user to premiumBooking.html, ready to handle the next booking request.

**Artefact 2 (payfines.html):**

A plain website with only pre-designed layout and no execution yet. Underlying reason for this is I did not know how to retrieve data and display them in a table at this stage. The purpose of this file is to receive user’s citation then retrieve and display data with given citation. A pay button with payment execution is included in this file to be implemented in Release Two.

**Artefact 3 (reportSmoking.php):**

The purpose of this file is to allow patrol officers or staff to report a smoking incident. This file has same purpose as reportParking.php and reportOther.php. A PHP execution codes are included in this file as well. This PHP files inserts the given information, which is filled out by staff/officers, to database under the “citation” table.

**Artefact 4 (css.css):**

The purpose of this file is to design and shape the website.

**Artefact 5 (Team Agreement document):**

This document was written by me based on team’s discussion and agreement on code of ethic in teamwork such as attending all tutorials/meeting on time, no to freeloaders, etc. I also played a major role in shaping and developing general rules and must-do. I have actively been involved in all group work as well as talking to clients.

## **RELEASE TWO**

**Artefact 1 (payfines\_exe.php):**

**The purpose of this file is to handle user’s citation input. When user puts in their citation number, the number gets compared with data from “citation” table in database. If they match, a table with citationID, citationType, their names, penalty amount and “PAY” button pops up. Indication of paid citation and validation are also included.**

**Artefact 2 (mail\_exe.php and PHPMailer):**

**This artefact is different from others because “mail\_exe.php” needs PHPMailer folder to carries out mailing execution. PHPMailer folder consists of mail configuration.**

**Artefact 3 (scrollbar.js):**

**This file is to create a scrollbar for booking display table in OHS management page (bookingDisplay.php) using JavaScript.**

**Artefact 4 (report\_exe.php):**

**Initially, “reportSmoking.php”, “reportParking.php” and “reportOther.php” had their own PHP execution codes. However, that is an inefficient way to code due to repetition and time-wasting process. Instead, I created this file to merge all 3 PHP executions into 1 and give conditions to each execution.**

**Artefact 5 (randomX.php):**

**This file is to randomly generates an alphanumerical sequence of 10 characters. This file has a function with a parameter of “$length = 10”. The function carries out a for loop which randomly selects a character from “$characters” variable and loops the action until “$randomString” variable (string) has enough 10 characters. The function returns “$randomString”.**