

## B: Record of Tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Identify Client	Find a client whose problem aligns with my skillset in java	1 hour	11-20	Identify a client with a clear problem that is a good match for the java programming language and my skillset.
2	Consult Client	Client clearly explained what they want from the problem and we discussed a plan for the program.	2 hours	11-25	Clients specifications can be met through java and we reach an agreement for a plan for the program.
3	Plan Solution	Create a clear and precise plan for how to solve the client's problem with a java program and seek insight from peers and mentors for feedback on plan.	3 hours	11-30	Plan is achievable by deadline and is clear, precise, and doable with my given skillset in java programming.
4	Meet with client to approve plan	Approve precise programming plan with client and ensure that it still meets all requests of the client.	2 hours	12-1	Client is satisfied with plan and finds that it does meet all requests made.
5	Program booking object	Program booking object with constructor and accessor methods as well as private instance variables including customer information and booking information specified in justification.	3 hours	12-5	Booking object compiles and satisfies any requests made by the client.
6	Program employee object	Program employee object with constructor and accessor methods as well as private instance variables including name, hourly wage, and work performance comments.	3 hours	12-7	Employee object compiles and satisfies any requests made by the client.
7	Program main menu	Main menu includes options such as employees,	5 hours	12-13	File compiles and runs with error checking in

		bookings or exit. This should be very user-friendly and transparent for those who don't know how the program functions.			place to ensure program is user-friendly.
8	Program employees menu	Employees menu includes options such as create new employee, edit employee wages, view employee wages, edit employee comments, view employee comments, or exit. This should be very user-friendly and transparent for those who don't know how the program functions.	5 hours	12-15	File compiles and runs with error checking in place.
9	Program booking menu	Bookings menu includes options such as create new booking, view bookings, edit a booking, or exit. This should be very user-friendly and transparent for those who don't know how the program functions.	5 hours	12-17	File compiles and runs with error checking in place.
10	Program employee's submenus	Program create new employee, edit employee wages, view employee wages, edit employee comments, view employee comments, and exit options.	7 hours	12-19	File compiles and runs with error checking in place.
11	Program booking submenus	Program create new booking, view bookings, edit bookings, and exit options.	4 hours	12-21	File compiles and runs with error checking in place.
12	Learn file io	Research file io n java and learn how to use file io to write receipts in a text file in java.	3 hours	12-25	Successfully planned out how to use file io in the program to meet client's requests.
13	Program receipts	Program bookings to write receipts in a text file when a new booking is made.	4 hours	12-30	Successfully writes receipts in a text file when a purchase is made.