

TEESSIDE UNIVERSITY
SCHOOL OF COMPUTING, MEDIA AND THE ARTS
SOFTWARE ARCHITECTURE (COM3041-N) WORK PACKAGE SPECIFICATION

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Component Name (from Diagrams)	System Requirements (from Requirement Analysis)	Key Features (from Requirement Analysis)	Interfaces to Other Components (from Diagrams)
Management Profile Component	<p>The management profile component includes:</p> <ul style="list-style-type: none"> • Stores information about management accounts • Stores encrypted credentials. • Allows the management to add new staff • Allows the management to authorise new staff <p>Protocol: HTTP Returns: JSON</p>	<p>The management profile page shows details about the selected management group. It allows them to authorise a new staff member and add new staff. This will also store the encrypted credentials of staff members.</p>	<p>This component will interact with the management web application.</p> <p>The management application requires this component to see management details.</p>
Customer Profile Component	<p>The customer profile component includes:</p> <ul style="list-style-type: none"> • Stores information about all customers (registered and not registered). 	<p>The customer profile page shows details about the selected customer and allows for details to be edited and messages to be sent to a member of staff.</p>	<p>This component will interact with both the customer web application and the staff web application.</p> <p>The staff application requires this</p>

	<ul style="list-style-type: none"> • Stores encrypted credentials of registered users. • Message history from staff • Customers purchase history <p>Protocol: HTTP Returns: JSON</p>		<p>component to see a list off all customers and what their permissions are. Staff will be able to edit the permissions of the customers.</p> <p>The customer application requires this component for customers to be able to view their profile page and edit their details.</p>
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Note: Each component can address a number of system requirements and/or key features.