Design specification checklist

Include the following:

	ITEM	SCOPE
1	**User requirements gathering**	Use workflow 1 Use the assignment brief
2	**User communication/feedback systems**	Project owner identification Development team roles Methods of communication (meetings, email, collaboration)
3	**Development method and process**	Method: OOP/Ionic etc Process: Windows forms application in VS2017 Community using C# / Ionic framework built on Angular in VS Code using TypeScript
4	**SDLC to be used**	State which model Identify advantages Identify disadvantages
5	**Purpose of the application**	Summary of the brief; use introductory paragraphs
6	**Features of the application**	Forms: How many and names (use caption text, not object name) Forms: what each is for Form navigation description (how menus are used or event impact)
7	**Use of forms to work with data**	Controls: Input Output (include message boxes/prompts or NavBar text) Buttons
8	**Design sketches**	All forms hand-drawn and scanned back
9	**Design diagrams**	UML (if appropriate) DFD Flowchart
10	**Design specification**	Navigation diagram (wireframes/forms as simple boxes)
11	**Data structures**	Classes: list of all **including** forms Classes: link to data in assignment brief Interfaces: Ionic (for 318)
12	**Data transfer/storage methods**	How data passed between forms How data is summarised (e.g. provision of totals) Use of external storage (text files) for source data (e.g. Lists of items) Use of external storage for data persistence
13	**Provision of help**	Strategy for end-user feature support
14	**Test Plan**	- Item Number - Item - Test - Test method - Expected outcome
15	**Project timeline and milestones**	GANTT chart Commentary on: Development and Test timeline Handover strategy

Technical specification checklist

Include the following:

	ITEM	SCOPE
1	GANTT + SDLC	Actual from plan at completion Each step of the SDLC described for application
2	Code file	All code from the application: each file must have • Purpose and ownership statement • Indentation • Whitespace • Comments • Consistent naming style
3	Test log	Expand test plan: 1. Date 2. Tested by 3. Actual outcome 4. Errors logged 5. Actions taken 6. Re-test outcome
4	Final sketches	Actual implementation using screen shots (no data in controls)
5	Final diagrams	Include any revisions or copy from design specification
6	Maintenance tasks + schedule	Planned maintenance (e.g. archive of data from storage to optimise performance)
7	Application in use	Screenshots of forms with data
8	Data constraints	Any data requirements Built-in data validation
9	User help sample	Include sample of user help
10	Troubleshooting guide	FAQs Checklists