COURSE	Stage 5 Computing Technology		
TASK NUMBER / NAME	1 / Developing apps and web software		
ASSESSMENT TYPE	Project		
TASK WEIGHT	30%	TASK GRADE	A-E
DATE OF NOTIFICATION	27/02/2025	DATE OF TASK	Term 1 Week 11 Monday 7/4/2024 3pm

OUTCOMES ASSESSED

CT5-DPM-01	applies iterative processes to define problems and plan, design, develop and evaluate computing solutions
CT5-COM-01	communicates ideas, processes and solutions using appropriate media
CT5-THI-01	applies computational, design and systems thinking to the development of computing solutions
CT5-DES-01	designs and creates user interfaces and the user experience

TASK DESCRIPTION

Design and develop a website or web app using HTML, CSS, and JavaScript. The website/webapp should provide information about a Caringbah High School learning activity, such as a subject, club, event, sport, or music program. It must include the following:

- A landing page named "index.html"
- At least three pages describing different learning services offered by the activity
- A gallery page showcasing various images related to the activity
- An "About Us" page provides information about the organiser of the activity, such as the mission, history and achievements
- A "Contact Us" page with a user form

Additional marks will be awarded for implementing the following features:

- Responsive design for both mobile and desktop devices
- The ability to install the application as a standalone web app using the PWA (Progressive Web App) method

You may not use any additional, separately installed libraries unless you have been explicitly approved to use the libraries by your teacher.

Project documentation is also required, as outlined on the following page.

Documentation requirements

You must create the following documentation, which should be neatly and professionally formatted in a PDF file.

Section	Description
Title page and table of content	A title page including subject name, class name, student name and project title, followed by a table of content page.
Identifying and defining	
Statement of Intent	Describe the information system and features/capabilities you will create and outline criteria for success.
Research and planning	
Gantt chart	Describe the tasks, subtasks and timeframe to be completed in a standard format.
User interface	Describe the expected user experience and user interface of your website/app.
Functional and non-functional requirement	Describe the functional and non-functional requirements of your website/app.
Storyboard and screen layouts	Describe the navigation flow of the screens through a set of wireframes. Detail the consistency layout and features of the screens
Producing and implementing	
Application logo	Design an application logo using Adobe Express.
Logbook of development	For each session spent on the project, provide the following information: the date, your goals for the session, whether they were achieved, a description of any issues encountered, and an explanation of how those issues were resolved.
External reference	Document any external resources you have learnt for your knowledge and skills.
Testing and evaluating	
Test method	Write the test methods used in your testing to ensure your design meets the functional and non-functional requirements
Evaluation	A detailed evaluation of your project. Identify which of your criteria for success were achieved and explain any deviation from the original plan.

TASK SUBMISSION INSTRUCTIONS

- Your design files and resources, such as images, audio and video, must be supplied.
- Your documentation should be contained in a single PDF file.
  - If you prepare your documentation in Word or Google Doc, save it as a PDF file.
  - If you have multiple documentation files, merge them into one in a logical sequence before submitting.
- Your program and documentation files should be contained in a single zip file.
  - Place all your web design files (html, css, javascript, image/video) and documentation file (in PDF format) in a single folder with the following naming convention [Student Firstname]_[Student Lastname]_COMP2/3. Example, John_Lee_COMP2/3.
  - Zip up the containing folder as a .zip file – the name of the zip file should be [Student Firstname]_[Student Lastname]_COMP2/3.zip. Example, John_Lee_COMP2/3.zip.
- Upload the program zip file and the documentation PDF file to the COMP2/3 Teams Assignment no later than 3pm on the due date.

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MARKING CRITERIA AND EVIDENCE

EXTENSIVE A	• Includes all required web pages, which are well-structured and follow a consistent style. (CT5-THI-01) • Web pages are visually appealing, easy to read, and well-organized. Uses appropriate colour choices, with neatly arranged and user-friendly elements. (CT5-DES-01) • Contains more than ten images, all appropriately sized and placed. Image links are functional, and alt-text is meaningful for all images. The logo is consistently placed. (CT5-COM-01) • Features numerous internal and external links, all of which are functional and properly styled. (CT5-DES-01) • The website/app is of exceptional quality, incorporating most advanced features. (CT5-DPM-01)
THOROUGH B	• Includes six necessary pages, which are reasonably well-structured and mostly consistent in style. (CT5-THI-01) • The website is visually appealing and easy to read. Most colour choices are appropriate, and elements are neatly arranged to guide the user through the content. (CT5-DES-01) • Contains more than ten images, most of which are appropriately sized and placed. The majority of image links are functional, and alt-text is meaningful for most images. The logo is present on every page. (CT5-COM-01) • Includes many internal links, with most being functional and properly styled. (CT5-DES-01) • The website/app is of very high quality and includes at least one advanced feature. (CT5-DPM-01)
SOUND C	• Includes 4–5 necessary pages, with a clear structure and some consistency in design elements. (CT5-THI-01) • The website is somewhat visually appealing and easy to read. Some colour choices are appropriate, with some effort to arrange elements neatly. (CT5-DES-01) • Contains 5–10 images, some of which are appropriately sized and placed. Some image links are functional, and alt-text is provided for a few images. The logo is present on most pages. (CT5-COM-01) • Includes some internal and external links, with most being functional but not always appropriately styled. (CT5-DES-01) • The website is of high quality or includes at least one advanced feature. (CT5-DPM-01)

If you are absent on the day before and/or the day of an assessment task, you are required to present a doctor's certificate to the Deputy Principal on your return to school and arrange a time to complete the task. If you are representing the school on the day of a task, it is your responsibility to inform your teacher beforehand and to arrange an alternate time to complete the task. Please refer to your Assessment Manual for full details of assessment and appeal procedures.

BASIC **D**	• Includes 2–3 necessary pages. Some structure is present, but there are few consistent design elements. (CT5-THI-01) • The website is unattractive but easy to read. Some effort has been made to choose appropriate colours, and elements are arranged with some intention. (CT5-DES-01) • Contains fewer than five images, which are either appropriately sized or placed. Image links are functional, and alt-text is provided. The logo is included somewhere on the site. (CT5-COM-01) • Includes some internal or external links, though they may not be fully functional or properly styled. (CT5-DES-01) • The website is of reasonable quality and makes an attempt to incorporate an advanced feature. (CT5-DPM-01)
ELEMENTARY **E**	• Only one page is provided, with minimal structure and little to no consistency. (CT5-THI-01) • The website is difficult to read and navigate, with poor colour choices and default element arrangements. (CT5-DES-01) • Contains fewer than five images, which are inappropriately sized or placed. Links to images are not functional, and alt-text is either missing or misleading. The logo is absent. (CT5-COM-01) • Links are present but are non-functional or improperly styled. (CT5-DES-01) • The website is of low quality and does not include any advanced features. (CT5-DPM-01)