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## SOFTWARE DEVELOPMENT AND PROGRAMMING

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### INDEXES

- Page 356
This new edition is completely redesigned in double page spreads and all the content has been updated.

**Student book**

The text provides a clear project development focus in line with the spirit of the syllabus. It presents a precise coverage of the Core topics, which provide a ready reference as the Options are studied.

**Key features**

- Clear design makes the book easy to navigate.
- Content is presented in double page spreads for ease of use.
- Graded student activities appear at the end of each spread.
- New content reflects current computing technology advances.
- New case studies present students with challenging material.
- Each chapter opens with a list of syllabus outcomes and key terms.
- ‘In Action’ sections present real-life applications of the theory.
- Infobits provide snippets of interesting information.
- Engaging, hands-on group and individual tasks and projects are balanced with theory.
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How to use this book

*Information and Software Technology: A project-based approach 2nd Edition* addresses the requirements of the New South Wales 7–10 Information and Software Technology syllabus.

The book is divided into two **colour-coded sections**, corresponding to the Core content and the Options.

The course should integrate the study of Core content within the context of the Options delivered through projects.

There are 15 chapters in this book, each with the following features.

- **Chapter opening pages** outline the syllabus outcomes and the key terms used in the chapter. The chapter begins with an In Action section which presents a real-life application of the chapter content.

- **Case studies** highlight relevant, real-life examples of the theory.
Infobits provide snippets of interesting information to stimulate curiosity.

Issues boxes explore legal and social concerns.

Past, current and emerging technologies look at the historical, the current and where technology is heading.

Activities at the end of each unit are broken down under a selection of the following headings:
- Identify: comprehension and recall questions that check understanding
- Analyse: extension questions where students are required to apply their knowledge
- Investigate: higher order activities requiring more critical thinking.

The PP icon indicates that an activity or extra material is available for students online on the Pearson Places website.