

**UDHNA CITIZEN COMMERCE COLLEGE &
SPB COLLEGE OF BUSINESS ADMINISTRATION &
SMT. DIWALIBEN HARJIBHAI GONDALIA COLLEGE OF BCA & IT
HOME ASSIGNMENT**

CLASS: T.Y.B.C.A. (5th Semester)A.Y. 2026-27

SUBJECT:[SEC] 506-02-Fundamentals of Software Engineering

ASSIGNMENT 1

1. Explain Software characteristics
2. Write Detail note on Software Process Model
 - Waterfall Model
 - Prototype Model
 - Incremental Model
 - Spiral Model
3. Differentiate between
 - UML Diagrams and Sequence Diagram

ASSIGNMENT 2

1. Explain Cohesion and Coupling
2. Explain SRS and its characteristics
3. Case Study
 - College Management System

Notes:

- Assignment must be self-handwritten with blue ink ball point pen only.
- Assignment submission date will be declared later on.

A.C.
25/07/2026

