```java
package inputManagePackage;

import java.io.FileInputStream;

public abstract class InputSystem {

    protected static final int EMAIL_TAG_LENGTH = 7;
    protected static final int WORK_TEL_TAG_LENGTH = 18;
    protected static final int HOME_TEL_TAG_LENGTH = 18;
    protected static final int ADDRESS_TAG_LENGTH = 9;
    protected static final int NAME_TAG_LENGTH = 6;
    protected Scanner inputStream = null;
    protected Scanner checkStream = null;
    protected int checkIfSection = 0;
    protected int notSkipLine = 0;
    protected ArrayList<Section> inputCvTemplateSectionObj = new
ArrayList<Section>();

    public InputSystem() {
        super();
    }

    public void addCvDataFromFile(int index, String filePath, int
minRequiredNumberOfLines, int generalInfoEndTagLength)
            throws ParseException {

        initScanners(filePath);

        if (hasOnlyGeneralInformation(minRequiredNumberOfLines) == true)
            return;

        skipLines();

        CVTemplate cvtemplate = createTemplateWithGeneralInfo
(generalInfoEndTagLength);

        readCVSections(cvtemplate);

        inputStream.close();
        checkStream.close();

        templateTypeSilentIdentifier(cvtemplate);
        Database.addCVtemplateToList(cvtemplate);

    }

    protected void initScanners(String filePath) {
        try {
            inputStream = new Scanner(new FileInputStream(filePath));
            checkStream = new Scanner(new FileInputStream(filePath));
        } catch (FileNotFoundException e) {
            System.out.println("Problem opening file.");
            System.exit(0);
        }
    }
}
```

```java
    protected boolean hasOnlyGeneralInformation(int minRequiredNumberOfLines) {
        int i = 0;
        while (checkStream.hasNextLine() && checkStream.nextLine().length() >
0) {
            i++;
            checkStream.nextLine();
        }

        if (i < minRequiredNumberOfLines) {
            JOptionPane.showMessageDialog(null, "Invalid input file. Reached
eof while on General Info.");
            return true;
        }

        return false;
    }

    abstract protected void skipLines();

    protected CVTemplate createTemplateWithGeneralInfo(int
generalInfoEndTagLength) {
        final String name = inputStream.nextLine();
        String applicantName = name.substring(NAME_TAG_LENGTH, name.length() -
generalInfoEndTagLength);
        final String address = inputStream.nextLine();
        String applicantAddress = address.substring(ADDRESS_TAG_LENGTH,
address.length() - generalInfoEndTagLength);
        final String homeTel = inputStream.nextLine();
        String applicantHomeTelephone = homeTel.substring(HOME_TEL_TAG_LENGTH,
                homeTel.length() - generalInfoEndTagLength);
        final String workTel = inputStream.nextLine();
        String applicantWorkTelephone = workTel.substring(WORK_TEL_TAG_LENGTH,
                workTel.length() - generalInfoEndTagLength);
        final String email = inputStream.nextLine();
        String applicantEmail = email.substring(EMAIL_TAG_LENGTH, email.length
() - generalInfoEndTagLength);

        CVTemplate cvtemplate = new CVTemplate(applicantName, applicantAddress,
applicantHomeTelephone,
                applicantWorkTelephone, applicantEmail);
        return cvtemplate;
    }

    void readCVSections(CVTemplate cvtemplate) throws ParseException {
        int sectionCounter = 0;
        String checkEoF = null;

        while (inputStream.hasNextLine()) {

            if (notSkipLine == 0) {
                checkEoF = inputStream.nextLine();

            }
            notSkipLine = 0;

            if (checkEoF(checkEoF))
```

```java
                break;
            inputCvAddSection(sectionCounter, cvtemplate);

        }
    }

    protected abstract boolean checkEoF(String checkEoF);

    protected abstract void inputCvAddSection(int sectionCounter, CVTemplate
cvtemplate) throws ParseException;

    public int templateTypeSilentIdentifier(CVTemplate cvtemplate) {
        int checkForFunctional = 0;
        int checkForChronological = 0;
        int checkForCombined = 0;

        for (int i = 0; i < cvtemplate.getNumberOfSectionObj(); i++) {

            if (cvtemplate.getSectionObjTitle(i).equals("Skills and
Experience:")) {
                checkForFunctional++;
                checkForCombined++;
            } else if (cvtemplate.getSectionObjTitle(i).equals("Career
Summary:")) {
                checkForFunctional++;

            } else if (cvtemplate.getSectionObjTitle(i).equals("Professional
Experience:")) {
                checkForChronological++;
                checkForCombined++;
            } else if (cvtemplate.getSectionObjTitle(i).equals("Core
Strengths:")) {
                checkForChronological++;

            }

        }

        if (checkForChronological != 2 && checkForCombined != 2 &&
checkForFunctional == 2) {
            return 0;
        } else if (checkForChronological == 2 && checkForCombined != 2 &&
checkForFunctional != 2) {
            return 1;
        } else if (checkForChronological != 2 && checkForCombined == 2 &&
checkForFunctional != 2) {
            return 2;
        } else {
            return -1;
        }

    }
}
```