

DeltaReco CV Data Extraction System Software Requirements Specification (SRS)

Client Name: Delta Recruitment Consultants (DeltaReco)

Project Name: DeltaReco CV Data Extraction System

Demo URL: deltareco.uzon.in

Final Domain: cv.deltareco.com

Date – 04/12/2025

1. Introduction

1.1 Purpose

This document defines the complete functional and non-functional requirements of the Deltareco CV Data Extraction System. The purpose of this system is to automate resume data extraction and simplify candidate management for recruitment operations.

1.2 Scope

The application is a secure, web-based admin system that allows recruitment staff to upload CVs, extract candidate information automatically, manage profiles, apply filters, and export data.

1.3 Demo & Deployment

- **Demo Environment:** <https://deltareco.uzon.in>
- **Production Deployment:** cv.deltareco.com
- Demo URL shall be used for review, testing, and approval before final deployment.

2. Overall Description

2.1 Product Perspective

This is a standalone internal web application accessible only to authorized admin users. No public user access is provided.

2.2 User Class

- **Admin User**
 - Upload CVs
 - Verify & edit extracted data
 - Filter & export candidate records
 - One Drive Integration for All CV File - Path

2.3 Operating Environment

- Frontend: HTML5, CSS3, JavaScript
 - Backend: ASP.NET Core MVC
 - Database: MS-SQL Server
 - Hosting: Dedicated Cloud Server
 - Browser Support: Chrome, Edge, Firefox
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3. Functional Requirements

3.1 Authentication

- Secure admin login
- Password stored in encrypted/hash format
- Logout functionality
- All pages protected without login

3.2 CV Upload

- Supported formats: PDF, DOC, DOCX
- Single & optional multiple CV upload
- File size validation
- Success/error notification after upload

3.3 CV Data Extraction

System will automatically extract:

- Candidate Name
- Email Address
- Mobile Number
- Education Details
- Experience
- Skills

If extraction fails or partial data is extracted, admin can manually update.

3.4 Dashboard

- Total CV count
- Recent uploads
- Access to candidate list

3.5 Candidate Management

- View candidate profile
- Edit extracted details
- Download or view original CV
- Delete candidate data if required

3.6 Filters & Search

- Filter by:
 - Experience
 - Education
 - Skills
 - Upload Date
- Search by name or email
- Combined filters supported

3.7 Export

- Export all or filtered candidates
- Formats supported:
 - Excel (.xlsx)
 - CSV (.csv)

3.8 Admin Settings

- Change password
- Update basic admin profile details

3.9 Activity Logs

- LogID
- ActionType
- Timestamp

3.10 Duration – 7 Working Days – Deadline – 11/12/2025