**Exposable Service Methods:**

Service Method needs to be call from UI for populating and saving the data.

**My Dossier**:

1. My Dossier section will display the View mode for Resource details. Below service method need to be call for populating the details. Service methods need to added under ‘namespace **ZeroChaos.Service.Services**’ and assembly **ZeroChaos.Service**
   1. ResourceDossierResponse GetResourceDossierResponseByResourceID (int resourceID);
      1. Input parameter: ResourceID (int)
      2. Output: ResourceDossierResponse (entity)
      3. Method Name: GetResourceDossierResponseByResourceID
   2. ResourcePersonalInformationResponse GetResourcePersonalInformationResponseByResourceID(int resourceID);
      1. Input parameter: ResourceID (int)
      2. Output: ResourcePersonalInformationResponse(entity)
      3. Method Name: GetResourcePersonalInformationResponseByResourceID
   3. ResourceJobPreferenceResponse GetResourceJobPreferenceResponseByResourceID(int ResourceID);
      1. Input parameter: ResourceID (int)
      2. Output: ResourceJobPreferenceResponse(entity)
      3. Method Name: GetResourceJobPreferenceResponseByResourceID
   4. ResourceRequisitionSubmissionResponse GetResourceRequisitionSubmissionResponseByResourceID(int resourceID)
      1. Input parameter: ResourceID (int)
      2. Output: ResourceRequisitionSubmissionResponse (entity)
      3. Method Name: GetResourceRequisitionSubmissionResponseByResourceID
   5. ResourceProjectReviewResponse GetResourceProjectReviewResponseByResourceID(int ResourceID);
      1. Input parameter: ResourceID (int)
      2. Output: ResourceProjectReviewResponse (entity)
      3. Method Name: GetResourceProjectReviewResponseByResourceID
   6. ResourceWorkExperienceResponse GetResourceWorkExperiencesResponseByResourceID(int resourceID)
      1. Input parameter: ResourceID (int)
      2. Output: ResourceWorkExperienceResponse (entity)
      3. Method Name: GetResourceWorkExperiencesResponseByResourceID
   7. ResourceJobSkillCertificationResponse GetResourceJobSkillCertificationResponseByResourceID(int resourceID)
      1. Input parameter: ResourceID (int)
      2. Output: ResourceJobSkillCertificationResponse (entity)
      3. Method Name: GetResourceJobSkillCertificationResponseByResourceID
   8. ResourceResumeAttachmentResponse GetResourceResumeAttachmentResponseByResourceID(int resourceID)
      1. Input parameter: ResourceID (int)
      2. Output: ResourceResumeAttachmentResponse (entity)
      3. Method Name: GetResourceResumeAttachmentResponseByResourceID
   9. ResourceEducationLanguageResponse GetResourceEducationLanguageResponseByResourceID(int resourceID)
      1. Input parameter: ResourceID (int)
      2. Output: ResourceEducationLanguageResponse (entity)
      3. Method Name: GetResourceEducationLanguageResponseByResourceID

**Edit Dossier:**

Edit Dossier section will Insert/Update the resource record. Below service methods need to be call for Inserting /Updating the resource details.

1. int AddUpdateResourcePersonalInformationByResourceID (ResourceRequest resourceRequest);
   1. Input parameter: ResourceRequest(entity)
   2. Output: int
   3. Method Name: AddUpdateResourcePersonalInformationByResourceID
2. ResourceJobPreferenceResponse AddUpdateResourceJobPreferences(ResourceJobPreferenceRequest resourceJobPreferenceRequest)
   1. Input parameter: ResourceJobPreferenceRequest
   2. Output: ResourceJobPreferenceResponse
   3. Method Name: AddUpdateResourceJobPreferences
3. AddUpdateResourceWorkExperiencies(ResourceWorkExperienceRequest)
   1. Input parameter: ResourceWorkExperienceRequest
   2. Output: ResourceWorkExperienceResponse
   3. Method Name: AddUpdateResourceWorkExperiencies
4. AddUpdateResourceJobSkills(List<ResourceJobSkill>)
   1. Input parameter:List<ResourceJobSkill>
   2. Output: bool
   3. Method Name: AddUpdateResourceJobSkills
5. AddUpdateResourceCertifications(List<ResourceCertification>)
   1. Input parameter: List<ResourceCertification>
   2. Output: bool
   3. Method Name: AddUpdateResourceCertifications
6. AddUpdateResourceResume(ResourceResumeAttachmentRequest resourceResumeRequest)
   1. Input parameter: ResourceResumeAttachmentRequest(entity)
   2. Output: ResourceResumeAttachmentResponse
   3. Method Name: AddUpdateResourceResume
7. AddUpdateResourceEducation(List<ResourceEducation>)
   1. Input parameter:List<ResourceEducation>
   2. Output: bool
   3. Method Name: AddUpdateResourceEducation
8. AddUpdateResourceLanguageProficiency (List<ResourceLanguageProficiency>)
   1. Input parameter:List<ResourceLanguageProficiency>
   2. Output: bool
   3. Method Name:AddUpdateResourceLanguageProficiency

**Interface Classes with Methods:**

1. Namespace : namespace **ZeroChaos.Service.Interfaces**
   1. Class: interface IResourceEducationService.

Methods:

/// This method will return ResourceEducation details from ResourceEducation table based on

ResourceID.

* + 1. List<ResourceEducation> GetResourceEducationByResourceID(int resourceID);

/// This method will insert the Resource Education details in ResourceEducation Table.

* + 1. int AddResourceEducation(ResourceEducation ResourceEducation);

/// This method will update the existing resource education record.

* + 1. bool UpdateResourceEducation(ResourceEducation ResourceEducation);

/// This method will populate the Education Tab of Resource Dossier.

/// This method will return ResourceEducationLanguageResponse which consist of ResourceEducation

/// Details and Resource Language Proficiency detail.

* + 1. ResourceEducationLanguageResponse GetResourceEducationLanguageResponseByResourceID (int resourceID);
  1. Class: interface IResourceJobClassificationService.

Methods:

/// This method will return List of Resource JobClassification based on ResourceID

* + 1. List<ResourceJobClassification> GetResourceJobClassificationByResourceId(int resourceID);

/// This method will insert Resource JobClassification based on ResourceID

* + 1. int AddResourceJobClassification(ResourceJobClassification resourceJobClassification);

/// This method will update the Resource Jobclassification

* + 1. bool UpdateResourceJobClassification(ResourceJobClassification resourceJobClassification);
  1. Class: interface IResourceJobPreferenceCountryService.

Methods:

/// This method will return the country names resource preferred to work or legally able to work.

* + 1. List<ResourceJobPreferenceCountry> GetResourceJobPreferenceCountryByJobPreferenceIDResourcePreferenceForCountryID(int jobPreferenceID, int resourcePreferenceForCountryID);

/// This method will add the country resource preferred to work.

* + 1. int AddResourceJobPreferenceCountry(ResourceJobPreferenceCountry resourceJobPreferenceCountry);

/// This method will update the country resource preferred to work.

* + 1. bool UpdateResourceJobPreferenceCountry(ResourceJobPreferenceCountry resourceJobPreferenceCountry);
  1. Class: interface IResourceJobPreferenceService.

Methods:

/// This method will return the resource job preferences details from ResourceJobPreference table

based on ResourceID

* + 1. ResourceJobPreference GetResourceJobPreferenceByResourceID(int resourceID);

/// This method will add the resource job preference details in ResourceJobPreference table.

* + 1. int AddResourceJobPreference(ResourceJobPreference resourceJobPreference);

/// This method will update the resource job preference details.

* + 1. bool UpdateResourceJobPreference(ResourceJobPreference resourceJobPreference);

/// This method will populate the Job Preference tab details of Resource Dossier.

/// This method will return ResourceJobPreferenceResponse which consist of Job Preference details

* + 1. ResourceJobPreferenceResponse GetResourceJobPreferenceResponseByResourceID(int resourceID);
  1. Class: interface IResourceJobSkillService.

Methods:

/// This method will return resource job skills details based on resourceid.

* + 1. List<ResourceJobSkill> GetResourceJobSkillByResourceID(int resourceID);

/// This method will add the resource job skill.

* + 1. int AddResourceJobSkill(ResourceJobSkill resourceJobSkill);

/// This method will update the resource job skill.

* + 1. bool UpdateResourceJobSkill(ResourceJobSkill resourceJobSkill);

/// This method will populate the skill and certifications tab details of Resource Dossier.

/// This method will return ResourceJobSkillCertificationResponse which consist of job skills details and

certification details of the resource.

* + 1. ResourceJobSkillCertificationResponse GetResourceSkillCertificationResponseByResourceID(int resourceID);
  1. Class: interface IResourceLanguageProficiencyService.

Methods:

/// This method will return resource language proficiency details based on resourceid.

* + 1. List<ResourceLanguageProficiency> GetResourceLanguageProficiencyByResourceID(int resourceID);

/// This method will add resource language proficiency details.

* + 1. int AddResourceLanguageProficiency(ResourceLanguageProficiency resourceLanguageProficiency);

/// This method will update resource language proficiency level.

* + 1. bool UpdateResourceLanguageProficiency(ResourceLanguageProficiency resourceLanguageProficiency);
  1. Class: interface IResourceService.

Methods:

/// This method will populate the My Dossier tab of Resource Dossier.

/// This method will return ResourceDossierResponse which consist of resource details and

personal information details of the resource.

* + 1. ResourceDossierResponse GetResourceDossierResponseByResourceID(int resourceID);

/// This method will populate the Requisition Summary tab of Resource Dossier.

/// This method will return ResourceRequisitionSubmissionResponse which consist of req submission

for the resource.

* + 1. ResourceRequisitionSubmissionResponse GetResourceRequisitionSubmissionResponseByResourceID(int resourceID);

/// This method will populate the Resume & Attachment tab of Resource Dossier.

/// This method will return ResourceResumeAttachmentResponse which consist of resume details and

attachment details for the resource.

* + 1. ResourceResumeAttachmentResponse GetResourceResumeAttachmentResponseByResourceID(int resourceID);

/// This method will populate the Personal Information tab of Resource Dossier.

/// This method will return ResourcePersonalInformationResponse which consist of resource personal

information details.

* + 1. ResourcePersonalInformationResponse GetResourcePersonalInformationResponseByResourceID(int resourceID);

/// This method will populate the Projects & Reviews tab of Resource Dossier.

/// This method will return ResourceProjectReviewResponse which consist of resource project details

and survey review details.

* + 1. ResourceProjectReviewResponse GetResourceProjectReviewResponseByResourceID(int resourceID);

/// This method will add / update the resource personal information.

* + 1. int AddUpdateResourcePersonalInformationByResourceID(ResourceRequest resourceRequest);
  1. Class: interface IResourceWebReferencesService.

Methods:

/// This method return Web references details of the resource.

* + 1. List<ResourceWebReferences> GetResourceWebReferencesByResourceID(int resourceID);

/// This method add the Web references details of the resource.

* + 1. int AddResourceWebReferences(ResourceWebReferences resourceWebReferences);

/// This method update the Web references details of the resource.

* + 1. bool UpdateResourceWebReferences(ResourceWebReferences resourceWebReferences);
  1. Class: interface IResourceWorkExperienceService.

Methods:

/// This method return resource work experience details based on resourceid.

* + 1. List<ResourceWorkExperience> GetResourceWorkExperienceByResourceID(int resourceID);

/// This method will populate the Work experience tab of resource dossier

* + 1. ResourceWorkExperienceResponse GetResourceWorkExperiencesResponseByResourceID(int resourceID);

/// This method add resource work experience details.

* + 1. int AddResourceWorkExperience(ResourceWorkExperience resourceWorkExperience);

/// This method update resource work experience details.

* + 1. bool UpdateResourceWorkExperience(ResourceWorkExperience resourceWorkExperience);

/// This method will return all the work preference from look up table.

* + 1. List<WorkPreference> GetAllWorkPreferences();

1. Namespace : namespace **ZeroChaos.Service.TransactionalInterfaces**
   1. Class: interface IResourceCertificationTransactionalService.

Methods:

/// This method will add / update the resource certification details.

* + 1. bool AddUpdateResourceCertifications(List<ResourceCertification> resourceCertifications);
  1. Class: interface IResourceEducationTransactionalService.

Methods:

/// This method will add / update the resource education details.

* + 1. bool AddUpdateResourceEducation(List<ResourceEducation> resourceEducations);
  1. Class: interface IResourceJobPreferenceTransactionalService.

Methods:

/// This method will add / update the resource job preference details.

* + 1. ResourceJobPreferenceResponse AddUpdateResourceJobPreferences(ResourceJobPreferenceRequest resourceJobPreferenceRequest);
  1. Class: interface IResourceJobSkillTransactionalService.

Methods:

/// This method will add / update the resource job skill details.

* + 1. bool AddUpdateResourceJobSkills(List<ResourceJobSkill> resourceJobSkills);
  1. Class: interface IResourceLanguageProficiencyTransactionalService.

Methods:

/// This method will add / update the resource language proficiency details.

* + 1. bool AddUpdateResourceLanguageProficiencies(List<ResourceLanguageProficiency> resourceLanguageProficiencies);
  1. Class: interface IResourceResumeTransactionalService.

Methods:

/// This method will add / update the resource Resume Attachment details.

* + 1. ResourceResumeAttachmentResponse AddUpdateResourceResumes(ResourceResumeAttachmentRequest resourceResumeAttachmentRequest);
  1. Class: interface IResourceWorkExperienceTransactionalService.

Methods:

/// This method will add / update the resource Work Experience details.

* + 1. ResourceWorkExperienceResponse AddUpdateResourceWorkExperiencies(ResourceWorkExperienceRequest resourceWorkExperienceRequest);

**Existing service methods to load data:**

1. Consume below WebUtil method to load data from master translations by passing corresponding objectid.
   1. Objects:
      1. Phone Type: objectID - 312
      2. Countries: objectID - 19
      3. Citizenship country: objectID - 19
      4. Preferred Language: objectID - 20
      5. Industry: objectID - 43
      6. EducationLevel: objectID - 7
      7. Currency: objectID - 18
   2. class: MasterTranslationsManager
      1. namespace ZeroChaos.WebUtils.Helpers
   3. method: GetMasterTranslations(objectID, clientID, isDefaultEntryRequired, loggedOnUser, isActive, isSortById)
2. States: Consume below service method to load data to states dropdown:
   1. class: CountryStateService
      1. namespace ZeroChaos.Service.Services
   2. method: GetCountryStatesByCountryCode(countryCode)
3. Preferred time zone:
   1. class: TimeZoneService
      1. namespace ZeroChaos.Service.Services
   2. method: GetTimeZonesByClientID(clientid)
4. Security Questions:
   1. class: SecurityQuestionService
      1. namespace ZeroChaos.Service.Services
   2. method: GetSecurityQuestions()
5. Competencies:
   1. class: ListPageHelper
      1. namespace ZeroChaos.ZCWeb.Linq
   2. method: GetAvailableCompetencies(isSearchForFilter, startsWith, existingCompetencyIDs, out count)
6. Skill level:
   1. class: JobSkillService
      1. namespace ZeroChaos.Service.Services
   2. method: GetComeptencyLevelsForDropdown(0)
7. Months:
   1. class: ReqCandidateService
      1. namespace ZeroChaos.Service.Services
   2. method: GetMonths(cultureName)
8. Days:
   1. class: ReqCandidateService
      1. namespace ZeroChaos.Service.Services
   2. method: GetDays()