## OrderForm **UML FoodBank IOException** --<<throws>>-Nooreldeen Abdallah Justin Kuhn + printOrderForm(order: Request) Fanny Lo Jan Petallo <<use>> Order IllegalArgumentException <<throws>> - family: Family[] Family + Order(family: Family) + addFamily(Family: fam) 1 + validateRequest(): boolean - familyMembers: ArrayList<Person> + createHamper() IndexOutofBoundException + removeFromInventory():boolean <<throws>> Person - mobilityAssistance: boolean=false - hamper = Hamper[] + displayRequest(): String - NUTRITIONAL NEEDS:Nutrition - CLIENT\_ID: int 1..\* + Family(size:int) + addFamilyMember(Nutriton: nutrionalNeeds, clientID) + Person( nutritionalNeeds: Nutrition, clientID: int) 1 + removeFamilyMember(person:Person) + getNutritionalNeeds(): Nutrition + getFamilyMembers(): ArrayList<Person> + getClientID: int + getGrainNeeds(): int + getVeggieNeeds(): int Inventory + getProteinNeeds(): int + getOtherNeeds(): int inventory: ArrayList <FoodItem> + getCaloriesNeeds(): int + createHampers(): + getHampers(): Hamper[] + Inventory() + addToInventory(item:FoodItem) + removeFromInventory(item:FoodItem[]) + isAvailable(hamper:Hamper):boolean 1..\* Hamper -foodItems: ArrayList <FoodItems> Nutrition -family: Family CanNotMakeHamperException wastedCalories: int -wholeGrain:int -fruitsVeggies:int -protein:int -other:int -calories:int + Hamper(family:Family) + Nutrition(wholeGrainPercent:int, fruitsVeggiesPercent:int, proteinPercent:int, otherPercent:int, calories:int ) + addFood(item:FoodItems) + toWeeklyNeeds():Nutrition + getFood(): ArrayList <FoodItems> + getWholeGrain():int <<throws>> + getFamily(): ArrayList <Person> + getFruitsVeggies():int + calculateNutrition(): Nutrition + getProtien():int + displayHamper(): String + getOther():int + calcualteWaste(): int + getCalories():int 0..\* FoodItem -name: String -ITEM\_ID: int -NUTRITION:Nutrition + FoodItem(wholeGrainPercent:int, fruitsVeggiesPercent:int, proteinPercent:int, otherPercent:int, calories:int, name: String, ITEM\_ID: int) + getName(): String + getNutrition(): Nutrition + getItemID() : int