Publishing inventory updated events

Script start

Let's update our Inventory microservice to publish a new event that will notify subscribers any time the inventory bag of a user is updated.

In Inventory repo

```
1. Update Contracts:
namespace Play.Inventory.Contracts
{
  public record InventoryItemsSubstracted(Guid CorrelationId);
  public record InventoryItemUpdated(Guid UserId, Guid CatalogItemId, int NewTotalQuantity);
}
2. Update GrantItemsConsumer:
public class GrantItemsConsumer : IConsumer < GrantItems >
{
  public async Task Consume(ConsumeContext<GrantItems> context)
    if (inventoryItem == null)
    }
    else
    }
    var itemsGrantedTask = context.Publish(new InventoryItemsGranted(message.CorrelationId));
    var inventoryUpdatedTask = context.Publish(new InventoryItemUpdated(
      inventoryItem.UserId,
      inventoryItem.CatalogItemId,
      inventoryItem.Quantity));
    await Task.WhenAll(inventoryUpdatedTask, itemsGrantedTask);
 }
```

```
{\it 3.} \quad {\it Update Subtract Items Consumer:} \\
```

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4. Update ItemsController:

```
public async Task<ActionResult> PostAsync(GrantItemsDto grantItemsDto)
{
    ...
    await publishEndpoint.Publish(new InventoryItemUpdated(
        inventoryItem.UserId,
        inventoryItem.CatalogItemId,
        inventoryItem.Quantity));
    return Ok();
}
```

5. Publish contracts NuGet package:

```
dotnet pack -p:PackageVersion=1.0.1 -o ..\..\packages
```

updated.