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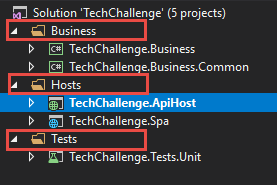
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Solution Architecture Overview

In bird’s eye view, the solution is separated into 3 different areas namely: **Business**, **Hosts** and **Tests.**



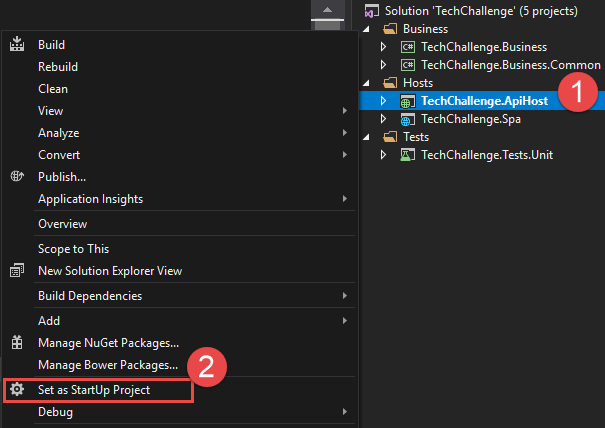
The solution is built using Visual Studio 2017

– with .Net 4.6.2 and Angular 8

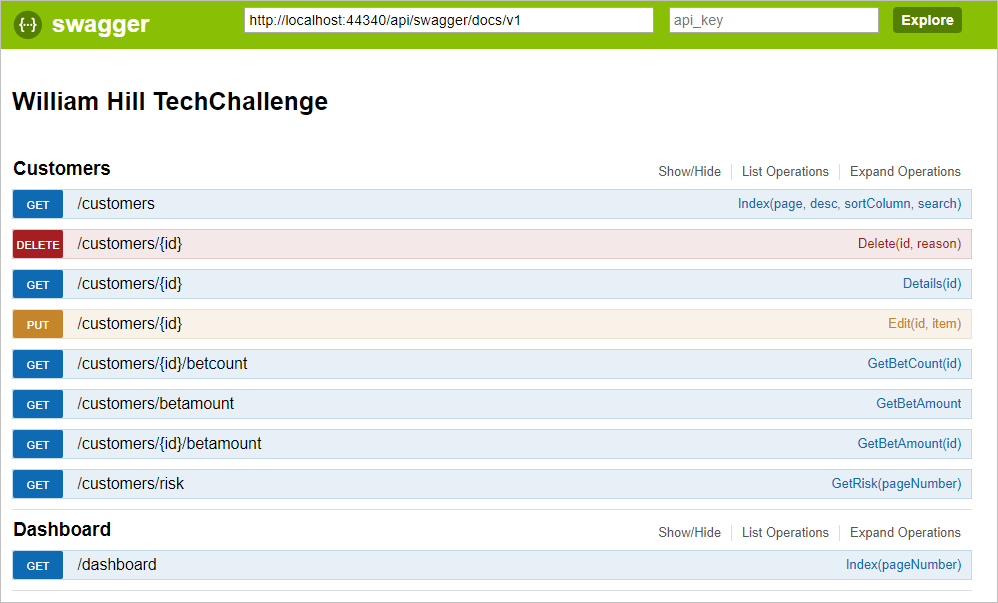
# Installation Guide

## Build the back-end solution

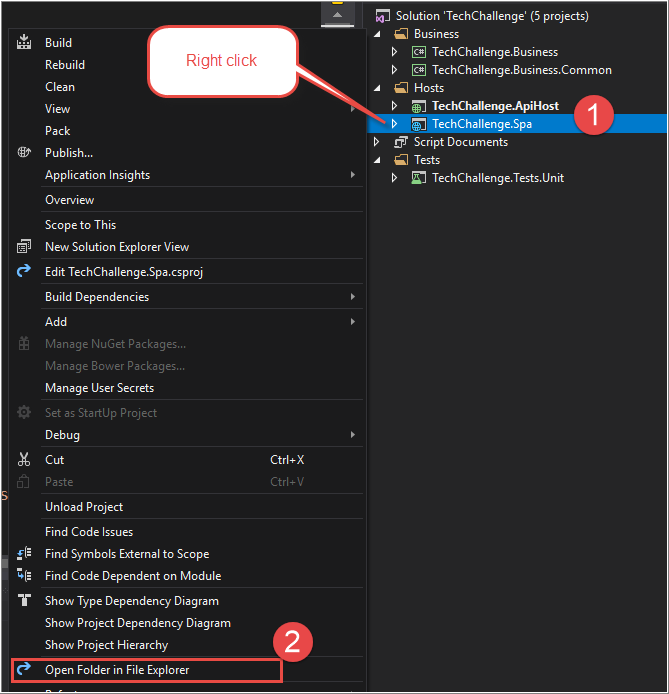
Set start-up Project

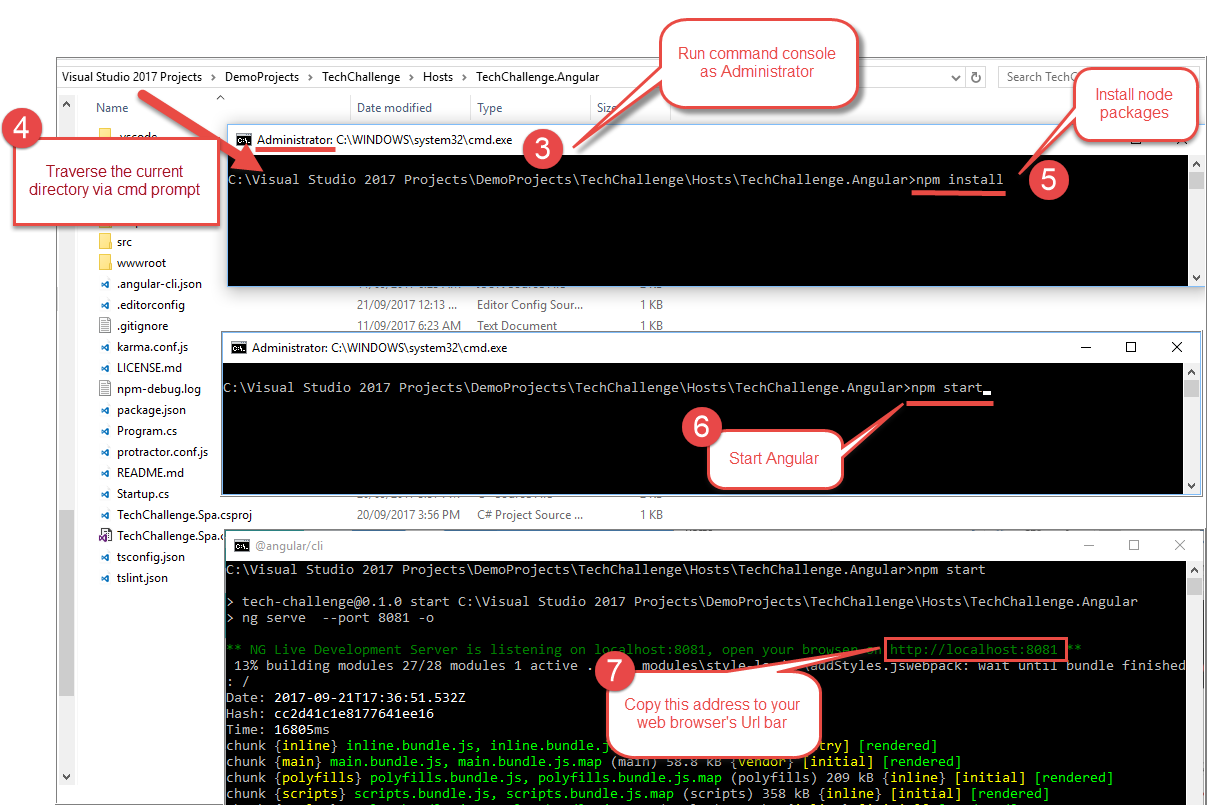


Press F5 to view the WebApi documentation via swagger



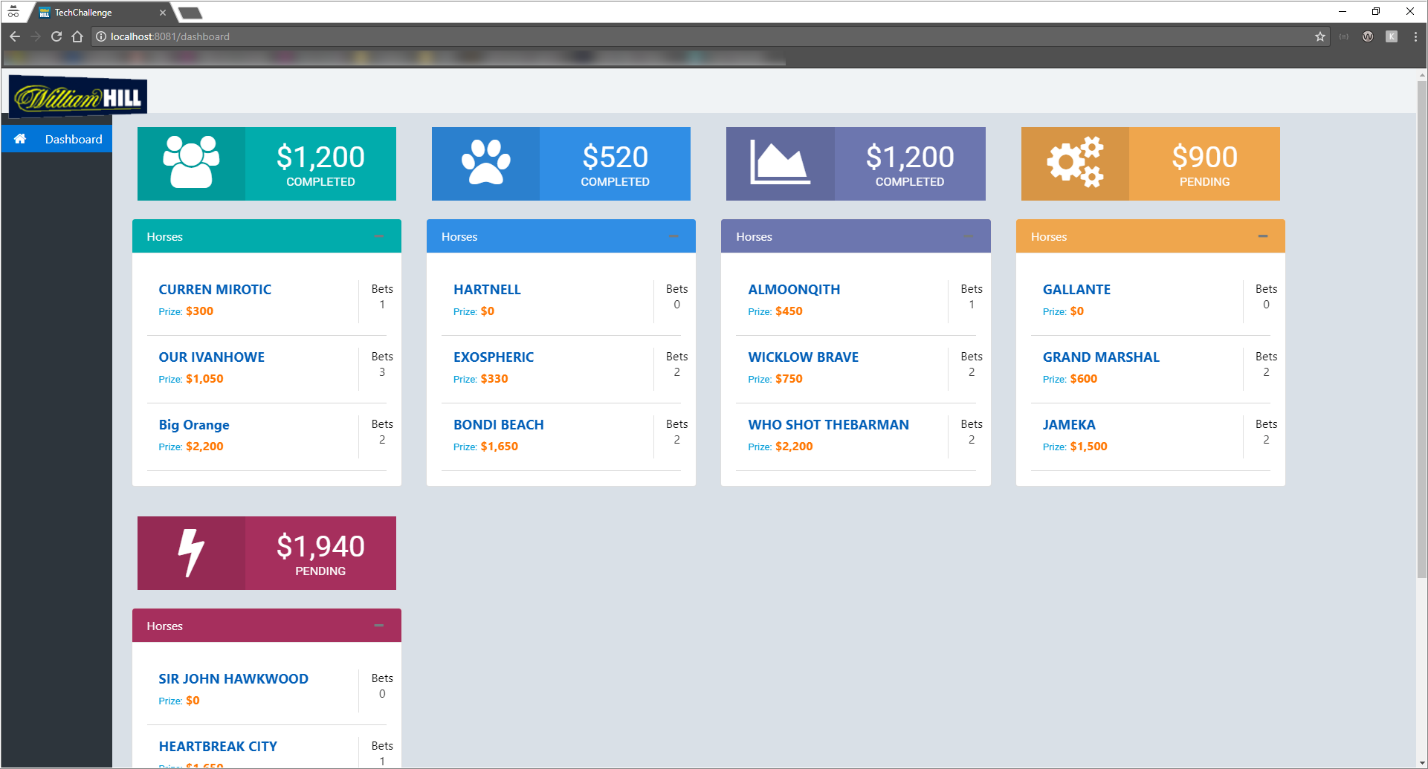
## Build the front-end solution





**Note**: Keep the WebApi solution running while browsing the front-end.

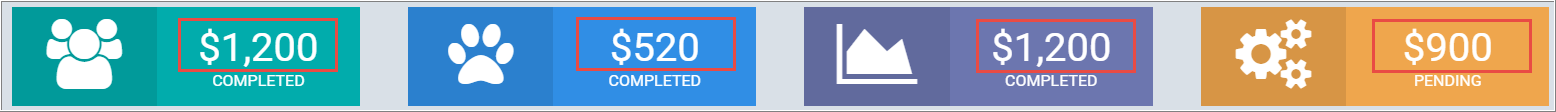
# Task 1 - Race Dashboard



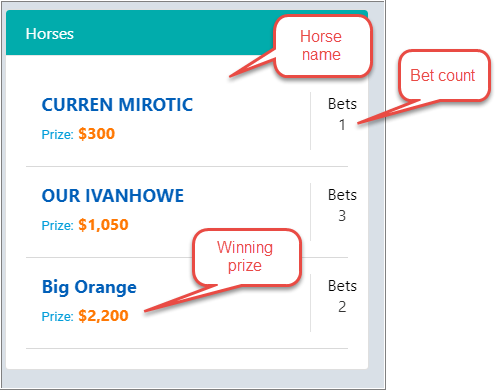
## Race status



## Total amount of money for each race



## All horses per race with name, bet count and winning prize



# Task 2 - Additional Endpoints

## List of customers

(http://localhost:44340/api/customers)

## Total bet count per customer

(http://localhost:44340/api/customers/1/betcount)

## Total bet amount per customer

(http://localhost:44340/customers/1/betamount)

## Total bet amount for all customer

(http://localhost:44340/customers/betamount)

## At risk customers (with bets more than $200)

(http://localhost:44340/customers/risks)

# Tests

## TechChallenge.Tests.Unit

## TechChallenge.Tests.Integration