Vladyslav Gruzin

15 efektywnie przepracowanych godzin

15 godzin odrobionych 5.07-7.07

**![Obraz zawierający tekst, clipart

Opis wygenerowany automatycznie](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SWuRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA5OjEzIDEwOjA0OjQxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM3NAAAkpIAAgAAAAM3NAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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UKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgAxQIGAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A/VOikqhqGrQ6bJEs3AfPzemMf41hWr08PDnquyGk5OyNCioreeO4jDxsGU9xUtaxlGa5ou6EFFFFUAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUlIaAHUVz/iLxhpugLtuZd8/8MKZ3Ht+HWvLvAv7V3hDxX4m1Hw9fsdA1a2vJLWNbsjZOQ5Hyt68frUzlGmk5u19jow2Hq4zn+rxcuRXlbWy7s9xoqOKRZFDKdykZBHQ1JVHOFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAI1cx4x/1lt/wL+ldO1cv4w/1lt/wL+lfLcS/8i2p8jpw/wDERiWd5PZyb4H2nuvrXR6b4shmxHcjypensa5Rqb7HpX5Bgc8xmWyvSlePZ7HqToxqbo9LjZZFDKcg96fXnlhrFxppAikVlP8AC3Tiup0zxNbXwCufJl9D0P0r9VyvinBZhanN8k+z6+jPNqYadPVao2qKapB5FOr7LfU5AooopgFFFFABRRRQAUUUUAFFU9U1O10m1a5vJ0t4F5LOcCvKPFXxu3B4NDix1H2ufgfhXTRw1XEO0Eefisfh8Gr1Za9up6drniTT/D9v599OsK4O0fxNjqB+leU+JPi7e6oWh00NYwHgSkfOa88vNSuNSuGnu55Li4blnk/pSRvXv0suhSV56s+KxWeVcQ+Wl7sfxNBpmmZndi7v1ZupNfFvjRQPiV4oJzj+1Lno2D/rWr7LjbNfG3jb/ko/if8A7CU3/oVfH8Vq1Gnbufu/gtJyxuLv/KvzPYPg/wDtHeK/h4ILVrk6tpC4X7HdHlF5+4e3/wBavsr4bfHDw18SoYksroWuoEfNYz/LID3x6j6V+cGmfdFdRpsz28ySxSNDIpysinaVPrmvlsHjqtJJS1ifsWf8J4DMZSq017Op3Wz9Ufp2D1pa+Qfhn+0xrXh0Q2evq2s6cuFFxj9+g/8AZv8A61fTXhHx5ovjizFzpN6lwuAWj6PHnOAw7dD+Rr6mjXhWXus/CszyPG5VL9/C8e62/wCAdJRTV9M5p1dB4AUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAI1cv4x+/bf8C/pXUNXLeMv9Za/wDAv6V8nxP/AMiyp8jpw/8AERzXc0NS0yv59qSPeW4tNkJA6kD2pajrzKkupqjV03xJc6ftBYzRf3D1rrdN1221JRsfbJ3RuorzyjcyfMCQw6ba+pynjHHZXaFR+0h2e/yZzVMHCpqtGeqrS1wml+MJ7QhbgebHjGcciuusdUg1FN0L5OASvcZr9tyjiXL85ilQnaf8r0f/AATxauHqUfiWhdopKWvqzmCimsQq5PArgPGXxi0bwvvt4X/tHUACPs8P8J/2j2/+sa2pUaleXJTjdnLiMVRwsOetJJHeXEyW8bSyOsaKMlmOABXl/i/45afpfmW2jr/aF0MjzMfu1P1715H4q+Ies+MJGF7cCG1P3bWF8Iv1PeueVsY4x9OlfVYXJVH38Q7vsfn+P4nlUvDBqy7vc3Nb8Tal4luvtGo3DTuM7V/gTPUL+Q/SqatuqqrbqnjbFe57ONNcsVZHx7qzrS56juy1G22rEb1UVt2KmVtuK5pxOiEi6j18eeOFx8SPEp9dQm/9CNfX0Mn8x/OvkPx0uPiN4iPrev8AyFfnHFytRpep/T/gm/8AbsX/AIF+ZZ0v7orprP7ormtJVpNqIjOx6BetdrY6WYlQ3DY/6Zjr+NfBYeLklY/p3FSUXZlmxjaVgF6+tbej6rN4bvoruyuZIrxWA3I+3AJAOfWs7zQo2qqqvYCmbsZNetT91o+cxUVUpSUlpZ/kfovasZLeJ2+8ygn8qmqG0/490+lTV9V0P5aluwooopkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFACN0rlfGX+stv+Bf0rqjUNxax3UZSVA6n1rxs3wMsxwk8PCVmzWlP2c1Jnm7UldFq3hJly9mdw6+Wa564hkhcpIuxx1Wv53zTK8Zls+XEQsu/T7z6CnVhU+FkcnamUdzRXylSR0IRqY1Oaoq82pI1iJ3NPimkt2DwyeXIOhplCxvIcBcjvXHGpVU06Dal0tuW0re8dTpPjZo8R36k8f6xRU3ij4maJ4Vtd890k07LuS3iYF2/DtXO29msbKWbJz/Q15T8VptvihF6j7NH8vrya/qDw5xmZZniPqeZy5opXX83zZ8BxLilluFdfDrW9vIk8ZfGHWfFW+GF206xbI8pPvMD/AHq4QDDYyWPUse9TCEOCyfe/uVGylT83Dd19K/qCjQpYePLSjZH4HicViMXL2leV2SLThUUfenr1rZnPEsL2qZW21XWpfSsJI64yLUbbqnVsVVjbb05PoTgV0fhfwbqniuRfsduXhzhriQYRfp61w1ZRprmk7I9GhTnWmoU1dmbHJhgeT7DvyK+ZvE3g6+1H4ia/PMv2S1a8b5z95uB0r9EPCXwr0zw+Enuf9PvlwfMb7qnP8NfHnxYmP/CyvEgwFH218AfQV+a8RV6eLhBLZM/p7wowuIy3FV5Tesor5anK6dptvpcOy3RlB6lupx3q1vqn51HnV8fG0VZH9FyvJtsub6C+Oap+dR5m7P0qov3kc9aP7uXo/wBT9J7X/j3j/wB0VNUNr/x7x/7o/lU1fYLY/lKW7CikaqGs6zY+H9Plv9QuorO0hGXmmbCqKG0tWKMXJqMVds0KK+bZf2xtG174naH4U8K2TapDeXYgm1Rjtix1/d+vQ5/Cvo5T1OePSsqdaFa/I72PQxmX4rL+VYqDg5K6T3sSUUgpa2POCivJ/wBpzVvidonwqurr4R6dFqnjJbiIRW8yxspiJO84cgZ6V8cX3xT/AG79Ptp7mfwjYQ20KtLJI1tattRRknhjQB+j9FflD8Kv2xv2tvjdNqsXgmwsdck0oxrerFZWqeQXLhAdx5z5b9P7te/fAzxv+2JqXxW8PWnxB8L2dn4Okmb+0rny7VWSMKehQ5zmgD7gopM9qWgAooooAKRsd8Y96WvNP2nM/wDDNvxXx/0Keq/+kctAHpMcgkXcpyPanV8H/wDBIVy3wR8Z57eI2/8ASaGvvCgAooooAKKKKACiuF+OU/i21+EPiyXwIhk8YLYSHTFVFZjN2wG4JxnGe9eNfsH3/wAb7/wV4ib41RahHdLep/ZZ1aGKK5Me0+ZuCfw524z70AfTrSKrKCwBPQHvS1+YX7fzbv8AgoB8HF9LbR//AE5XFfp9QAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAIapX+l2+pIFmTOOh9KvUVhWoUsRB06sVJPoxpuLujhtU8K3FoxeA+ZF1x6VgsNrEFdrDrXqzVl6poFrqSksux/wC8tfkud8BwrJ1ctlyv+V7fJ9D1aOOcXaoecydqaFLcCtHVNIbT5mUSLKv+z1H1qirjoBjHWvwjFYOphKzo4lcrR7cZRmrxHx2vOWq1tCgYqBXpytur18G6NBe4jGpzSJl7fX+hryP4qLu8Tp/17R/zNesr1H1/oa8p+Ji7vEif9eyfzNfuXhrVTzh/4WfnvGMf+E7/ALeRyMcefwqyYUmUB147N6Ukce6rkcPSv6gnUd9D8XhTvozLn057cbwPMTs3pUCtuHWuohj29KZdaDDcqzqfKfBLE9D9aiOKjflkOeDlbmgc6ta+h6BqHiG6Fvp9rJcycbto4XPcnsK7v4b/AAjtPFECX1/qcM9uDzb2j5J68Me1e66PotnodmtrY26W0CjASMV5GMzeFFuFJXf4H0+V8O1cUlVrvlh+LPN/B/wPs7MRz6263k64IgjGIwff+9XqVvbxWcSwwoscajAVRgCpRS18hWxFTEO9R3P0nC4Khg48tGNhjfdr89/jA+34neJf+v1/5Cv0JbpX50fGa42/FTxP/wBfrfyFfP5m+WnH1P1vgKN8dV/w/qc751HnVm/aaPtNfM85+8eyNLzqUTdazPtNH2nOF5GSOR9aqE/eRjWp/u5LyP1Gtf8Aj1hP+wP5U+SVIY2d2CIoyW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7fzIY5bvTdPiglZSdxBZVBwT1rtqKAKmo6Zaa1YXFjqFrDfWVwhjmt7mMSRyKeqspGCK5zwT8I/BPw0kuW8I+EdE8MPdBVnbSbCK2MoXJUNsUZxubGemT6111FADVOf/11ymi/CjwX4X8UX3ibSfCuj6Z4gvtxu9VtbGOO5m3YLbpANxztGfpXW0UAJ+NcloHwn8F+EfEV/wCINE8KaLpGt3+4XeoWVjFFcT7iCwdwASCVBOfSuuooAarA9CDxnrXnHjH9m34V/EDVH1HxF8PvD+q6hJ9+6nsI/Nk/3mABb8a9JooA4TwT8Cfh38Nrr7V4W8FaHoV1t2/aLKxjSUD2bGa7oH3zS0UAFFFFABRRRQAUUUUAQXVnFeR+XMgdT61zWpeFZIyXtW8wd0bt9K6ykrxMxyjCZnG1eOvfqa06s6fws8ykjeGRlcMrjqp7VG1eiX+k22opiZMnswPI+lcnqXhm5sVYxfv4/XuPrX4xnXCmMwKdSgvaQ8t18j16OKjPSWjMLuabJUmNuQQQ3fNRNX5XiE1oz1IkR/r/AEryz4lf8jBH/wBe6fzNepn+v9K8s+JX/IwR/wDXun8zX6v4Q/8AJRv/AAM+B45/5Fa/xI5Onx96ZT4+9f28z+e10JFqzGew496k0bRr7XLxbewt5Lmc9Fj4x9T2FezeC/gTFCqXOvMJZOD9kiPyA/7R715OLxtHCr33r2PoMvyzE452pR079DzTwz4R1PxTOE0+1kePIDTP9xfc17X4R+EOnaGsdxfn+0rxect9xT7Cu8sbGDTrdILaJYYUGFRBgCrFfG4rMquI0joj9NwGRYfBpSn70hsahFAAwB2FOooryD6URulfDP7SS/8AF2fEB9Wh/wDRKV9zN0r4a/aP/wCSteIT/tQ/+iUrzMw/hH6HwP8A8jN/4X+aPEdS+81cvfAndgZPpnFdRqX3mrmLzqfl3HOAD0zXw9Y/pbDbFaz8RXWjsET99bj/AJYynj8D2restdtdWUCF/LnbloJeSPoe9L8P/hH4o+LGqC08O6bLchWxLeSDy4Ih3LN/Id8V9rfBX9jHwt8OWt9S1xU8R68nzCSVcW8J/wBiPpn3PoK68Hg8RiH7qtHuz5vP+JMpyeFqkuar/LHf59j4tabsOMcYqvJNX3f8XP2UPDfj5Zr7SAvh/WG+YyQDEUjdty9B+HrXxn8SvhV4n+Ft60euae8cDNtjvI13Qye49K1xWCrYbVq67o5Mk4ny/ObQhLlqfyvf5dzlJJqryTVDJJt9vVR0zVeSavIbPuowPRPgM+74y+Ev+v1f5Gv0/j+6fr/Wvy2+AD7vjT4Q/wCv9f5Gv1Jj+6f89zX2GS/wZep/O3iQrZjSX939R9LRRX0R+SBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAhpD706igDI1Pw5baiCwXy5f7y1xuqaDd6arb1MkX95a9IprqJFKkZBr4TO+EcBm6c0uSp3X6o7aOKnR80eRt2xnHv9DXlnxK/wCRgj/690/ma+jdY8Hw3X7y1/czZz9a8x1r4O6r4o8TAzSLY2Ecao068u/Xhf8APevA4ByDGcOcQyqYxfu+R2ktv+H8jxeKlLMsvVLDq8rrQ8Yt7WW8mSKCNpZWOFRBlifavWPBXwIvdS2XOuu1lbtg/ZozmQ/7x7V614T+HujeDoQLG2X7Rt2tcOMufxrpV4r+gcZnc6l4YfRd+v8AwD47LeFqVG1TFvml26f8EztA8Oaf4atfs2nWsdtFgA7By3uT3rUpKWvmZScneW593CEacVGCskFFFFIsKKKKAEavhz9pT/kq+unsTD/6JSvuM186eOP2fdT+I/xU1bULq4FjokhizIrZkfEaghfTp+tcOMpyq0+WO59lwrjqGX46VfEStFRf6HyHFot/4g1JLDTLKa/vJeEhhGSfw9K+iPhR+xWszQaj46nyvDf2Pbt8v/bRu/bj619I+A/hjoHw7sfI0exSFioElwf9ZJjPLH8T+ddYo6dMVxUMrpx96rq/wPdzjjjFYpOhgP3cO/2n/kUPD/h/TvDGmxafpVnDYWUIwkECbVX8K0qSlr2kklZH5lKUptyk7tjWqjrOj2XiDTpbHULWK9tJhh4ZhlWFaFFDSejFGTi+aLsz5A+MX7EMV0txqfgOdYJeX/sec4hY/wCw38J6/Xj0r4/8UeHdW8H6tNpmtWE2n38X345lwfw9R71+vxrkviF8L/DXxO0o6f4i0uO/iwwjdh88ecZKt2PA/KvAxWUU63vUvdf4H6tkPH2Ly+1HHr2tPv8AaX+fzPzV/Z9fd8bPB3/X+v8AI1+qi/d/z618Z6f+xrrXw1+MXhnXfD94ureHbe+EkkU52z264xy38Q5/DHvX2ZGpA55rXK8PUw0JQqLW5xcc5pg83xdHEYKfNHl+ad9miSikpa9s/NQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA/9k=)**

**DOKUMENTACJA TECHNICZNA   
PROJEKTU**

**Praktyki zawodowe**

**Praktykant:**

**Vladyslav Gruzin**

**3-A**

Sklep internetowy

Rozdział 1: Wstęp

Projekt zakłada stworzenie kompleksowej platformy internetowej, która umożliwi łatwe tworzenie i zarządzanie stroną sklepu internetowego. W ramach tego projektu, będziemy tworzyć zaawansowane funkcje, które pozwolą na dynamiczne wyświetlanie listy produktów, umożliwią tworzenie osobnych podstron dla każdego produktu, umożliwią kategoryzację produktów, wprowadzą funkcję filtrowania produktów, umożliwią zarządzanie koszykiem, uproszczony system płatności, oraz stworzą system kont dla klientów oraz panel administracyjny dla właściciela sklepu.

Aby osiągnąć te cele, będziemy korzystać z różnych narzędzi i technologii. Do stworzenia strony internetowej wykorzystamy popularny framework taki jak Django, który zapewni solidną podstawę do budowy aplikacji internetowej. Będziemy również korzystać z języków programowania takich jak Python lub JavaScript do tworzenia logiki biznesowej i obsługi żądań użytkowników.

Do przechowywania danych, w tym listy produktów, kategorii, informacji o klientach itp., skorzystamy z bazy danych. SQLlite będzie odpowiednim do przechowywania i manipulowania tymi informacjami. Będziemy tworzyć modele danych, które będą odzwierciedlały strukturę naszych produktów, kategorii, użytkowników itp., oraz wykorzystamy zapytania do bazy danych, aby pobierać i aktualizować dane zgodnie z potrzebami aplikacji.

Aby umożliwić dynamiczne wyświetlanie listy produktów, stworzymy interfejs, który będzie pobierał dane z bazy danych i renderował je na stronie internetowej. Dzięki temu użytkownicy będą mogli przeglądać produkty, sortować je, oraz stosować filtry, aby łatwo znaleźć interesujące ich przedmioty.

Moduł zarządzania koszykiem będzie umożliwiał użytkownikom dodawanie produktów do koszyka, usuwanie ich, oraz aktualizowanie ilości. Będziemy również implementować prosty system płatności, który pozwoli klientom dokonywać transakcji online. Możemy użyć gotowych rozwiązań płatności, takich jak PayPal, które oferują łatwą integrację z naszą aplikacją.

W celu obsługi kont użytkowników, stworzymy system autoryzacji i uwierzytelniania. Klienci będą mieli możliwość tworzenia kont, logowania i wylogowania się, oraz zarządzania swoim profilem. Będziemy dbać o bezpieczeństwo haseł i poufność danych osobowych użytkowników.

Dla administratora sklepu stworzymy panel administracyjny, który umożliwi zarządzanie produktami, kategoriami, zamówieniami i innymi aspekt

Założenia projektu

Czas na wykonanie projektu to 80 godzin.

Cele projektu

Celem tego projektu jest stworzenie kompleksowej platformy internetowej, która umożliwi łatwe tworzenie i zarządzanie stroną sklepu internetowego. Projekt ma na celu zapewnienie zaawansowanych funkcji, takich jak wyświetlanie listy produktów, osobne podstrony z informacjami o produktach, tworzenie kategorii, filtrowanie produktów, zarządzanie koszykiem, uproszczony system płatności, system kont dla klientów oraz panel administracyjny dla właściciela sklepu.

Rozdział 4: Prezentacja prac z poszczególnych etapów projektu

Efekty prac z etapu nr 1

A screenshot of a computer

Description automatically generated

Efekty prac z etapu nr 2

A screenshot of a computer

Description automatically generated

Efekty prac z etapu nr 3

A screenshot of a computer

Description automatically generated

Efekty prac z etapu nr 4

A screenshot of a computer

Description automatically generated

Efekty prac z etapu nr 5

A black screen with white lines

Description automatically generatedA screenshot of a computer screen

Description automatically generated

Efekty pracy:

Naprawa błędów:

* Dodawanie produktu do koszyka przez zalogowanego użytkownika
* Możliwość zwiększania i zmniejszania ilości produktów w koszyku przez klikanie na strzałki

Stworzenie wyszukiwarki

A computer screen shot of a mouse

Description automatically generated

Stworzenie strony logowania która działa

A screenshot of a computer

Description automatically generated

Stworzenie funkcji Logout na głównej stronie

A black and yellow rectangle with white text

Description automatically generated

Vladyslav Gruzin

15 efektywnie przepracowanych godzin

15 godzin odrobionych 12.07-14.07 -

V1.0A screenshot of a device

Description automatically generated

V2.0A screenshot of a product page

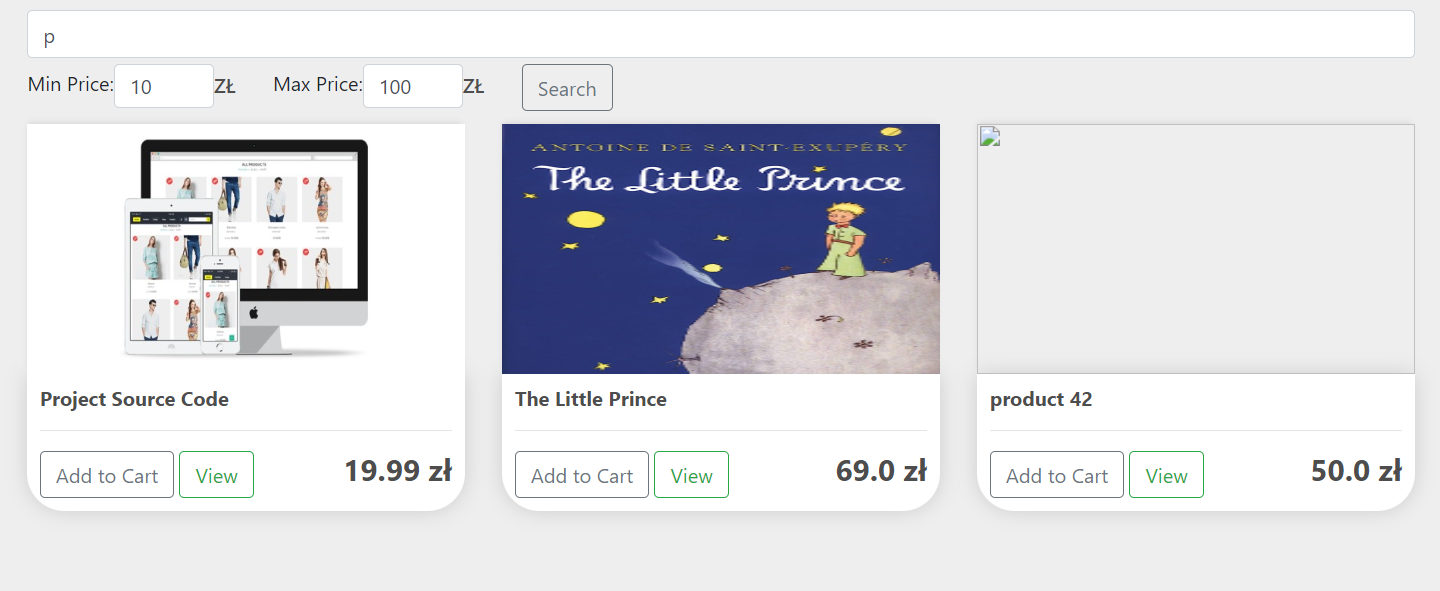
Description automatically generated

Dodanie systemu Paypal za pomocą którego można dokonywać płatności za produkty

A screenshot of a computer

Description automatically generated

Dodanie filtru cen dla produktów



Rozdział 5: Zastosowane rozwiązania

Opis zastosowanych metod i rozwiązań

W projekcie do tworzenia wyglądu strony został wykorzystany html i css np. do stworzenia przycisku ‘add to cart’ i jego wyglądu, do tworzenia funkcji na stronie frontendowej JavaScript np do takich funkcji jak rozpoznanie użytkownika który jest zalogowany w tej chwili, do zarządzania częścią backendową(serwerową) jest zastosowany django/python np. do komunikacji między bazą danych a frontendem.

Rozdział 6: Podsumowanie projektu

Ocena własna opracowanego projektu

Projekt stworzenia kompleksowej platformy internetowej dla sklepów internetowych wykazuje dużo potencjału. Wykorzystanie frameworka Django i bazy danych SQLite to solidne wybory technologiczne, które zapewniają stabilność i skalowalność. Zaawansowane funkcje, takie jak dynamiczne wyświetlanie produktów, filtrowanie, kategoryzacja, zarządzanie koszykiem i prosty system płatności, wzbogacają doświadczenie użytkowników. Dodatkowo, wprowadzenie systemu kont dla klientów i panelu administracyjnego dla właściciela sklepu ułatwia zarządzanie i personalizację. Projekt ten może przyczynić się do tworzenia profesjonalnych sklepów internetowych, które spełniają potrzeby zarówno sprzedawców, jak i klientów. Jednak sukces zależy również od starannej implementacji i odpowiedniego dopasowania do konkretnych wymagań biznesowych.

Wnioski

Ten projekt był bardzo korzystny dla mnie gdyż podniósł moją wiedze w dziedzinie stron web

Szczególne podziękowania dla osoby wspierającej projekt, Jacka Konczalskiego .

**Data zakończenia**: 14/7/2023

**Wykonawca projektu (praktykant)**: Vladyslav Gruzin

Załącznik 1: Instrukcja użytkowania

Wstęp

By odpalić stronę trzeba w terminalu wejść do lokalizacji \WebShop\

Następnie wpisać ‘python manage.py runserver’ i kliknąć ctrl i myszką w link (http://127.0.0.1:8000/)