**FD1:** {Name} -> {HP, HPPLUS, HPREGEN, HPREGENPLUS, MANA, MANAPLUS, MANAREGEN, MANAREGENPLUS, AD, ADPLUS, ASN, ASNPLUS, ARMOR, ARMORPLUS, MR, MRPLUS, MS, RANGEN}

⸫ Name is a candidate key For CHAMPIONSTATS as it is needed to identity all the other attributes.

Proof: Since FD1 has the determinant as a candidate key, this relation is in BCNF

**FD2: {**ITEM\_NAME} -> {ITEM\_GRADE, COST, HEALTH, MANA, HEALTH\_REGENERATION, MANA\_REGENERATION, ABILITY\_HASTE, ATTACK\_DAMAGE, ATTACK\_SPEED, CRITICAL\_CHANCE, LIFE\_STEAL, OMNIVAMP, LETAHLITY, ARMOR\_PENETRATION, ABILITY\_POWER, MAGIC\_PENETRATION, ARMOR, MAGIC\_RESIST, MOVEMENT\_SPEED}

⸫ ITEM\_NAME is a candidate key for item\_stats as it is needed to identity all the other attributes.

Proof: Since FD2 has the determinant as a candidate key, this relation is in BCNF